

# SNAP FASTENERS



## Caps

Our caps are designed with an unique window cutout that is folded under the post in order to minimize dimpling of the cap. We also offers caps with a stainless steel post to eliminate the need for pre-piercing tough fabrics or leathers. All of the following are 24 ligne caps.

	Stainless Steel	Brass/Nickel	Brass/Black Oxide	Brass/Gilt	Steel/Nickel
Standard Post 3/16"	SS4650AR	BN4647AR	BB4647AR	BG4647AR	SN4647AR
Standard Stainless Steel Post 3/16"	SS4650AR	BNS4647AR**	BBS4647AR	BGS4647AR*	N/A
Long Post 5/16"	SS4650LAR	BN4647LAR	BB4647LAR	BG4647LAR	SN4647LAR
Long Stainless Steel Post 5/16"	SS4650LAR	BNS4647LAR	BBS4647LAR*	BGS4647LAR*	N/A

\* Denotes non-stock items which may have minimum purchase requirements.

\*\* Available with baked automotive enamel finish in a wide variety of standard and custom colors.



## Sockets

standard action sockets are made with nickel plated brass springs for corrosion resistance. Our hard action brass sockets are made with phosphor bronze springs that have been copper/nickel/chrome plated for maximum corrosion resistance.

	Stainless Steel	Brass/Nickel	Brass/Black Oxide	Brass/Gilt	Steel/Nickel
Standard Spring	SS4650B	BN4647B	BB4647B	BG4647B	SN4647B
Easy Action Spring	N/A	BN4647EB	BB4647EB*	BG4647EB*	SN7050B
Hard Action Spring	SS4650HB	BN4647HB	BB4647HB	BG4647HB	SN4647HB

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## Studs

offers both standard and hard action studs. They are available with either an elevated base, for use with eyelets on fabric applications, or with a low base, for use when attaching a stud to rivets or screws.

	Stainless Steel	Brass/Nickel	Brass/Black Oxide	Brass/Gilt	Steel/Nickel
Standard Action Stud	SS4650C	BN4647C	BB4647C	BG4647C	SN4647C
Low Base Stud	N/A	BN4647SC	BB4647SC*	BG4647SC*	SN4647SC
Hard Action, Low Base Stud	N/A	BN4647SCH	BB4647SCH*	BG4647SCH*	N/A

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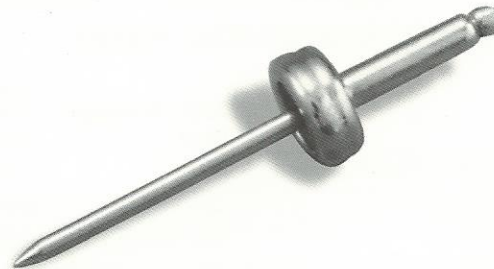
# SNAP FASTENERS



## Flangeless Studs

Flangeless studs are commonly found on convertible automobiles, specially designed fastening clips, or in marine applications. Our flangeless studs offer a low profile stud that can be attached to a screw, rivet or eyelet.

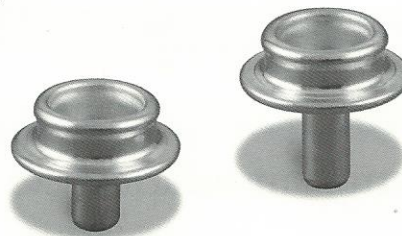
	Brass/Nickel
Flangeless Stud	BN4647FLC
Rivet type Flangeless Stud with 1/4" Grip	RIV10314
Rivet type Flangeless Stud with 3/8" Grip	RIV10319



## Gypsy Studs

Gypsy studs are frequently referred to as "Double Studs" because of the ability to join the stud fastener to another stud or socket. They are generally used to connect more than two fabrics together.

	Brass/Nickel	Brass/Black Oxide
Double Stud with Short 7/32" Eyelet	BNP232NBS	BBP232NBS
Double Stud with Stand. Length 1/4" Eyelet	BNP232NB	BBP232NB
Double Stud with Long 11/32" Eyelet	BNP232NBL	BBP232NBL



## Eyelets

Used when attaching either a stud or a socket, our eyelets are available in three different lengths for material of varying thickness. For tough material applications, we offer stainless steel eyelets that can easily pierce Kevlar®, Cordura®, and nylon webbing.



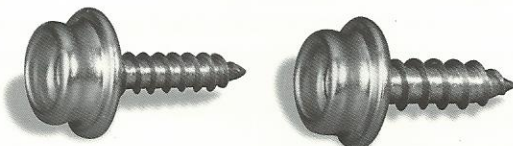
	Stainless Steel	Brass/Nickel	Brass/Black Oxide	Brass/Gilt	Steel/Nickel
Standard Eyelet 1/4"	SS4647D	BN4647D	BB4647D	BG4647D	SN4647D
Long Eyelet 5/16"	N/A	BN4647LD	BB4647LD	BG4647LD	SN4647LD*
Extra Long Eyelet 3/8"	N/A	BN4647LLD	BB4647LLD	BG4647LLD*	N/A (inquire)

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# SNAP FASTENERS

## Screwstuds

maintains an extensive inventory of screwstuds in different materials, styles, and lengths for use in a variety of applications. If your application should call for a special design, please contact us for our minimum order quantities.

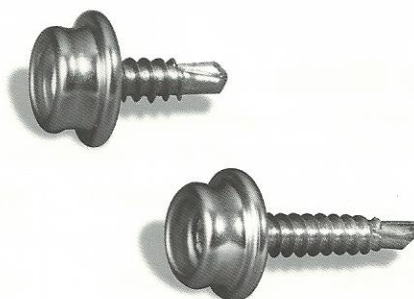


### SELF-TAPPING SHEETMETAL SCREWS

	100% Stainless Steel	Brass/Nickel w/Stainless Steel Screw	Brass/Nickel w/ Steel Screw	Steel/Nickle w/ Steel Screw
5/16" Self-Tapping	N/A	BNSS705912	N/A	N/A
3/8"	SSSS705914	BNSS705914	BN705914	SN705914
5/8"	SSSS705920	BNSS705920	BN705920	SN705920
1"	N/A	BNSS705932	N/A	SN705932
5/8" Oversized #10	N/A	BNSS705921	N/A	N/A

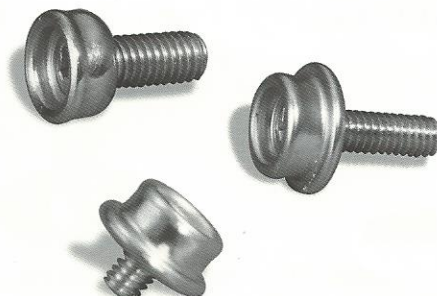
### SELF-DRILLING SCREWSTUDS

	Brass/Nickel Stud	Steel/Nickel Stud
1/2" Stainless Steel Screw	BNST705916	N/A
3/4" Stainless Steel Screw	BNST705924	N/A
3/4" Steel/Zinc Plated	N/A	SN7059T24
1" Steel/Zinc Plated	N/A	SN7059T32
1/2" Hardened SUS410 Stainless Steel	BHST705916	N/A
1-1/2" Steel/Zinc Plated	N/A	SN7059T48



### SCREWSTUD WITH MACHINE SCREWS

	Stainless Steel Stud	Brass/Nickel Stud
8-32x3/16" Stainless Steel	SSSS705806*	BNSS705806
10-32x3/8" Brass Flangeless Stud	N/A	BNB705614
8-32x3/8" Stainless Steel	SSSS705814*	BNSS705814
8-32x1/2" Stainless Steel	SSSS705816	N/A
8-32x5/8" Stainless Steel	SSSS705820*	BNSS705820



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### SCREWSTUDS WITH DRYWALL SCREW THREADS

	Brass/Nickel w/ Stainless Steel Screw
3/8"	BNSS704714
5/8"	BNSS704720
1"	BNSS704732



# SNAP FASTENERS

## Windshield Clips

For use in marine and automotive applications, our windshield clips are 100% stainless steel and are available with varying tensions.

Clip Size	Stainless Steel
.748" clip width (appx. 3/4")	CLIP34WSTT
.754" clip width (appx. 3/4")	CLIP34WST
.760" clip width (appx. 3/4")	CLIP34WSD
.770" clip width (appx. 3/4")	CLIP34WSTN
.875" clip width (appx. 7/8")	CLIP78WS
.875" clip width (7/8" long leg)	CLIP78WS-L



## Carpet Snap Fasteners

Easily used in applications for securing delicate materials that might otherwise tear with smaller fastening devices, our fasteners conveniently attach to our industrial screwstuds, regular studs and rivet studs.

	Brass/Nickel	Black Oxide
Carpet Ring	BN10123	BB10123
Carpet Socket	BN10222	BB10222



## Adjustable Slide Sockets

Slide fasteners can be used in applications where the attachment needs to be adjustable. Made to work with 1/2" webbing, these are often found in athletic equipment, juvenile products, and various headgear.

1/2" Steel/Nickel Slide w/ Hard Action Steel/Nickel Socket	SLCLIP12SN
1/2" Stainless Steel Slide w/ Hard Action Stainless Steel Socket	SLCLIP12SS



## Decorative Fasteners

caps, flangeless studs, and screwstuds are available in 24k gold plated with an extra coating of clear lacquer to provide additional wear and corrosion resistance.

BNG4647AR	Cap 3/16" Post
BNG4647FLC	Flangeless Stud
BNSG705914	3/8" Screwstud, Brass w/24 Karat Gold Plated Finish
BNSG705920	5/8" Screwstud, Brass w/24 Karat Gold Plated Finish
BNSG705932	1" Screwstud, Brass w/24 Karat Gold Plated Finish



# SNAP FASTENERS

## Extra-Large Durable Snap Fasteners

Oversized snap fasteners are available in nickel plated brass for superior corrosion resistance and are designed for applications where smaller fasteners will not provide a suitable attachment.

	Brass/Nickel
Extra-Large Cap Ligne 36	BN789AR
Extra-Large Socket	BN789B
Extra-Large Stud	BN789C
Extra-Large Eyelet 15/64"	BN789D
Extra-Large 3/8" Screwstud w/ Stainless Steel Screw	BNSS78914
Extra-Large 5/8" Screwstud w/ Stainless Steel Screw	BNSS78920*



\* Denotes non-stock items which may have minimum purchase requirements.

## Baby Fasteners

This smaller snap fastener line offers a trimmer looking, less aggressive snap, and is available in three finishes. All of the following are 20 ligne snaps.

	Brass/Nickel	Brass/Black Oxide	Brass/Gilt
Standard Baby Cap 9/64"	BND7201A13	BBD7201A13	BGD7201A13
Standard Baby Socket	BND7201B	BBD7201B	BGD7201B
Hard Action Baby Socket	BND7201HB	BBD7201HB	BGD7201HB
Standard Baby Stud	BND7201C	BBD7201C	BGD7201C
Hard Action Baby Stud	BND7201SC	BBD7201SC	BGD7201SC
Standard Baby Eyelet 7/32"	BND7201D	BBD7201D	BGD7201D



\* Colors available with minimum purchase requirements.

## Alternative Snap Fasteners

These alternative fasteners are a high quality, cost-effective fastener for products such as outdoor furniture, luggage, sports bags, and light-duty automotive trim.

	Brass/Nickel	Brass/Black	Steel/Nickel
Cap Standard Post 3/16"	BN7047AR	BB7047AR	SN7050A
Cap Long Post 1/4"	BN7047LAR	BB7047LAR	SN7050LA*
Socket (standard)	BN7047B	BB7047B	SN7050B
Socket (hard action)	BN7047HB	BB7047HB	N/A
Stud (normal)	BN7047C	BB7047C	SN7050C
Eyelet 19/64"	BN7047D	BB7047D	SN7050D
Long Eyelet	BN7047LD*	BB7047LD*	SN7050LD*



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# SNAP FASTENERS

## Parallel Spring Snap

The parallel spring fastener provides a smooth consistent snap action that will ensure maximum performance in harsh environments. Our parallel spring socket has a unique concealed spring design that offers long-term reliability.

	Brass/Nickel	Brass/Black Oxide	Brass/Gilt
Ligne 20 Cap	BNPS6HA20	BBPS6HA20	BGPS6HA20
Ligne 20 Cap Long Barrel	BNPS6HLA20	BBPS6HLA20*	BGPS6HLA20*
Ligne 24 Cap	BNPS6HA24	BBPS6HA24	BGPS6HA24
Ligne 24 Cap Long Barrel	BNPS6HLA24	BBPS6HLA24*	BGPS6HLA24*
Socket	BNPS6HB	BBPS6HB	BGPS6HB
Stud	BNPS6HC	BBPS6HC	BGPS6HC
Eyelet	BNPS6HD	BBPS6HD	BGPS6HD



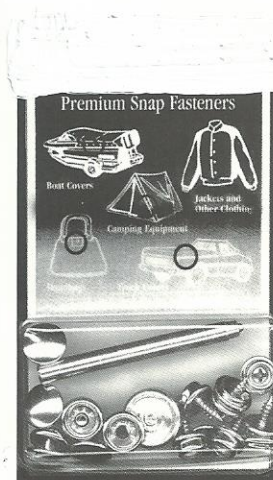
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## Hand Apply Snap Kit

offers pre-packaged quick repair kits featuring our premium fasteners. These kits provide easy replacement for failed snap fasteners on tents, boat tops, convertibles, bags, and many other applications. We also provide custom packaging complete with printed customer specific contents, bar coding, or company logo.

### Kit Contents:

BN4647HAK	Brass/Nickel Cap, Socket, Stud, Eyelet, Flaring Tool and Anvil
BB4647HAK	Brass/Black Oxide Cap, Socket, Stud, Eyelet, Flaring Tool and Anvil
BN4647RPL	Replacement: Brass/Nickel Cap, Socket, Stud and Eyelet
BNSS705914HAK	Brass/Nickel Cap, Socket, 3/8" Screwstud w/ Brass/Nickel Stud and Stainless Steel Screw, Flaring Tool and Anvil
BNSS705921HAK	Brass/Nickel Cap, Socket, 5/8" Screwstud w/ Brass/Nickel Stud and #10 Oversize Stainless Steel Screw, Flaring Tool and Anvil



# SNAP FASTENERS

## Snappy Tape

Snappy Tape you can save on assembly costs and guarantee uniform spacing even if the opposing fasteners are attached in different facilities. Snappy Tape is comprised of low profile, polyacetal fasteners that have been molded directly to polyester tape at evenly spaced increments. For convenience, snappy tape is sewed to the end product; it can be molded in any color and ordered in pre-cut lengths. We stock various sizes of solid black and white.

### Standard

	Tape Width	Snap Dia.	Fastener Spacing
ST15SP25W100P	1"	9/16"	3-15/16"
ST15SP25B100P	1"	9/16"	3-15/16"
ST23SP40W100P	1-9/16"	7/8"	3-15/16"
ST23SP40B100P	1-9/16"	7/8"	3-15/16"

### Directional

ST15DP25W100P	1"	9/16"	3-15/16"
ST15DP25B100P	1"	9/16"	3-15/16"
ST23DP40W100P	1-9/16"	7/8"	3-15/16"
ST23DP40B100P	1-9/16"	7/8"	3-15/16"

\* Additional spacing and colors available with minimum purchase requirements.



# DIRECTIONAL FASTENERS

## Turn Fasteners

Our premium brand turn fasteners have superior locking action that prevent undesired opening of the fastener. The majority of our common fasteners feature a stainless steel pin and spring, which provide superior corrosion resistance and promote extended product life.

	<b>AT46651M</b>	Single Stud, 2 Screw Mounted, Brass w/Nickel Plated Finish Stainless Steel Pin and Spring
	<b>AT46652M</b>	Double Stud, 2 Screw Mounted, Brass w/Nickel Plated Finish Stainless Steel Pin and Spring
	<b>ATF6CDS</b>	Single Stud w/#12 Stainless Steel Screw
	<b>AT15M</b>	Single Stud, 2 Prong w/Clinch Plate, Brass w/Nickel Plated Finish
	<b>AT10M</b>	Single Stud, 4 Prong w/Clinch Plate, Brass w/ Nickel Plated Finish
	<b>AT2MSS</b>	Single Stud, Rivet Type w/Washer, Brass w/Nickel Plated Finish Stainless Steel Pin and Spring
	<b>AT2B</b>	4 Prong Eyelet w/ Washer, Brass w/Nickel Plated Finish
	<b>AT2B4H</b>	4 Prong Eyelet w/ 4-hole Washer Brass w/Nickel Plated Finish



# DIRECTIONAL FASTENERS

## One-Way-Lift™ Fasteners

offers one-way-lift directional locking fasteners in nickel plated brass with a variety of studs.



LDBN16205	One-Way-Lift Socket, Nickel Plated
LDBN16206	One-Way-Lift Long Prong Socket
LDBN16506	Clinch Plate for LDBN16205 and LDBN16206 Nickel Plated
LDPL16510	Plastic Flex Washer for LDBN16205 and LDBN16206
BN7150B	Covered One-Way-Lift Socket



LDBN16349	Stud w/2 Prong Base, Nickel Plated
LDBN16501	Washer for LDBN16349, Nickel Plated



LDBN16358	Stud w/Eyelet Base, Nickel Plated
LDBN16509	Washer for LDBN16358, Nickel Plated



LDBN163606	Screwstud Nickel Plated, #8 Stainless Steel, 1/2" Long Screw
LDBN163186	Double Screwstud Nickel Plated, #8 Brass, 1/2" Long Screw
LDBN163624	Screwstud Nickel Plated, 8-32 x 3/8" Brass Screw
LDBN163627	Screwstud Nickel Plated, 8-32 x 5/8" Brass Screw



LDBN16376	3/4" Windshield Clip
LDBN16377	7/8" Windshield Clip



LDBN16347	2 Screw Mount Stud
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# DIRECTIONAL FASTENERS

## One-Way-Pull™ Fasteners

These fasteners lock on three sides and are commonly used to secure products that incur high stress or need to be child-resistant.



	Brass/Nickel	Brass/Black Oxide
One-Way-Pull Cap	PDBN18100	PDBB18100
Directional Socket	PDBN18201	PDBB18201
One-Way-Pull Stud	PDBN18303	PDBB18303
Standard Eyelet 1/4"	BN4647D	BB4647D
3/8" Stainless Steel Screwstud	PDBN183074	PDBB183074
5/8" Stainless Steel Screwstud	PDBN183075	PDBB183075*

\* Denotes non-stock items which may have minimum purchase requirements.

## Economy Turn Fasteners

These fasteners are assembled with a spring mechanism that is released when turned by hand. Our economy fasteners provide an economical option to our premium line for lighter duty applications.

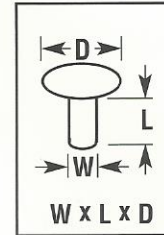


ATF46651M	Single Stud, 2 Screw Mounted, Brass w/Nickel Plated Finish
ATF46652M	Double Stud, 2 Screw Mounted, Brass w/Nickel Plated Finish
ATF6CD	Single Stud w/ #12 Steel Screw, Brass w/Nickel Plated Finish
ATF6M	Single Stud w/ #7 5/8" Brass Screw, Brass w/Nickel Plated Finish
ATF15M	Single Stud, 2 Prong w/Washer, Brass w/Nickel Plated Finish
ATF2M	Single Stud, Rivet Type w/Washer, Brass w/Nickel Plated Finish
ATF2BW	4 Prong Eyelet w/Washer, Brass w/Nickel Plated Finish
ATF2BWSH (plate only)	Washer for 4 Prong Eyelet, Brass w/Nickel Plated Finish

# RIVETS

## Self-Piercing Capped Tubular Rivets

Self-piercing capped tubular rivets offer superior piercing performance through materials such as: nylon webbing, leather, and ballistic style fabrics. Our rivets provide an appealing, finished attachment offered in Steel/Nickel, Brass/Nickel, Brass/Black or Stainless Steel.



### Stainless Steel

SIZE (WxLxD) (9mm)	Stainless Steel	SIZE (WxLxD) (10mm)	Stainless Steel
3 x 4 x 9mm	SSR349	4 x 8 x 10mm	SSR4810
3 x 6 x 9mm	SSR369	4 x 10 x 10mm	SSR41010
3 x 8 x 9mm	SSR389	4 x 12 x 10mm	SSR41210

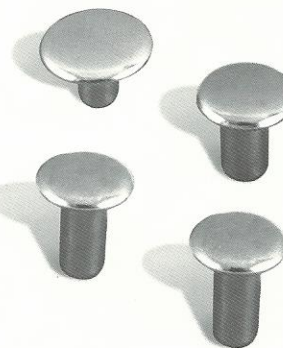


### Steel and Brass

SIZE (WxLxD) (6mm)	Steel/Nickel	Brass/Nickel	Brass/Black
3 x 6 x 6mm	SNR366	BNR366	BHBKR366
3 x 8 x 6mm	SNR386	BNR386	BHBKR386
3 x 10 x 6mm	SNR3106	N/A	N/A



SIZE (WxLxD) (7mm)	Steel/Nickel	Brass/Nickel	Brass/Black
4 x 6 x 7mm	SNR467	BNR467	BHBKR467
4 x 8 x 7mm	SNR487	BNR487	BHBKR487
4 x 10 x 7mm	SNR4107	BNR4107	BHBKR4107
4 x 12 x 7mm	SNR4127	N/A	N/A



SIZE (WxLxD) (8mm)	Steel/Nickel	Brass/Nickel	Brass/Black
4 x 6 x 8mm	SNR468	BNR468	BHBKR468
4 x 8 x 8mm	SNR488	BNR488	BHBKR488
4 x 10 x 8mm	SNR4108	BNR4108	BHBKR4108
4 x 12 x 8mm	SNR4128	BNR4128	BHBKR4128
4 x 15 x 8mm	SNR4158	N/A	N/A

# RIVETS



SIZE (WxLxD) (10mm)	Steel/Nickel	Brass/Nickel	Brass/Black
4 x 6 x 10mm	SNR4610	BNR4610	BHBKR4610
4 x 8 x 10mm	SNR4810	BNR4810	BHBKR4810
4 x 10 x 10mm	SNR41010	BNR41010	BHBKR41010
4 x 12 x 10mm	SNR41210	BNR41210	BHBKR41210
4 x 15 x 10mm	SNR41510	BNR41510	BHBKR41510

SIZE (WxLxD) (12mm)	Steel/Nickel	Brass/Nickel	Brass/Black
4 x 8 x 12mm	SNR4812	BNR4812	BHBKR4812
4 x 10 x 12mm	SNR41012	BNR41012	BHBKR41012
4 x 12 x 12mm	SNR41212	BNR41212	BHBKR41212
4 x 15 x 12mm	SNR41512	N/A	N/A

## Washers

The following styles of washers are available to further complement your application. Our washers provide either an enclosed or open closure of the rivet.



SIZE	Steel/Nickel	Brass/Nickel	Brass/Black	Stainless Steel
R-4	N/A	N/A	N/A	SSWSHR4
R-5	N/A	N/A	N/A	SSWSHR5
R-6	SNWSHR6	BNWSHR6	BHBKWSHR6	N/A
R-9	SNWSHR9	BNWSHR9	BHBKWSHR9	N/A
R-10	SNWSHR10	BNWSHR10	BHBKWSHR10	N/A

## Rivet Cap

offers a snap cap style rivet washer to aid self-piercing capabilities. It offers a polished look to the underside of our self-piercing capped tubular rivet. Simply use this combination of product in place of our rivet washer.



<b>BNRIVCAP11</b>	11mm Rivet Cap w/Stud Washer Brass w/Nickel Plating
<b>BNRIVCAP12</b>	12mm Rivet Cap w/Stud Washer Brass w/Nickel Plating

# RIVETS

## Finished Rivets

two piece male/female style rivets can be assembled with either dies or a hammer. Available in Steel/Nickel, Stainless Steel or painted enamel finish; our rivets provide solid closure and complement the appearance of your application.



<b>SH137DNI</b>	SH137D Rivet with .510 O.D. – Nickel Plated Steel
<b>SH137DSS</b>	SH137D Rivet with .513 O.D. – Stainless Steel
<b>SH8108DNI</b>	SH8108D Rivet with .370 O.D. – Nickel Plated Steel
<b>SH910/7DSS</b>	SH910 Rivet with .352 O.D. – Stainless Steel



<b>SH130CAPNI</b>	SH130 Cap with .520 O.D. – Nickel Plated Steel
<b>SH130CAPSS</b>	SH130 Cap with .520 O.D. – Stainless Steel
<b>SH810CAPNI</b>	SH810 Cap with .355 O.D. – Nickel Plated Steel
<b>SH910CAPSS</b>	SH910 Cap with .352 O.D. – Stainless Steel

## Rivets and Burr

Our rivet and burr combination provides a permanent attachment to layers of diverse material. This product is self-piercing and can also be used to reinforce various applications.



<b>BN2942</b>	Burr for BN406 Rivets – Brass/Nickel
<b>BN406LL</b>	Rivet – Brass/Nickel
<b>BN406S</b>	Rivet, Short – Brass/Nickel

# GROMMETS AND WASHERS

## Premium Self-Piercing Grommets And Washers

Grommets are manufactured with a sharpened edge in order to pierce through tough materials. The washers are made with a patented design that incorporates small teeth and a channel to prevent slipping and provide extra holding force.

### EXCLUSIVE WASHER DESIGN



Gripping Teeth



Locking Channel



	I.D.	O.D.	Stainless Steel	Brass Sharpened	Brass/Nickel Sharpened	Black/Nickel Unsharpened
#0	1/4"	7/16"	GRM/WS210S	GRMGWS210B	GRMGWS210N	GRM/WS210HBK
#1	5/16"	5/8"	GRM/WS230S	GRMGWS230B	GRMGWS230N	GRM/WS230HBK
#2	3/8"	3/4"	GRM/WS250S	GRMGWS250B	GRMGWS250N	GRM/WS250HBK
#3	7/16"	15/16"	N/A	GRMGWS280B	GRMGWS280N	N/A
#4	5/8"	1-1/8"	N/A	GRMGWS300B	GRMGWS300N	N/A

# GROMMETS AND WASHERS

## Self-Piercing Grommets And Washers

When applications don't require the locking channel found on our premium washer, customers can reduce costs by using our standard design washer. This washer still provides holding strength above industry standards.



	I.D.	O.D.	Brass Unsharpened	Brass/Nickel Unsharpened
#0	1/4"	7/16"	GRM/WS210B	GRM/WS210N
#1	5/16"	5/8"	GRM/WS230B	GRM/WS230N
#2	3/8"	3/4"	GRM/WS250B	GRM/WS250N
#2 L B o r r e l	3/8"	3/4"	GRMLWS250B	GRMLWS250N

## Stainless Steel Self-Piercing Rolled Rim Grommets with Spur Washers

Designed to withstand the harshest environments, our stainless steel self-piercing rolled rim grommets with spur washers are simply the best product available in corrosive applications. Made with the same self-piercing characteristics of our other grommets, these can be installed through several layers of tough material. In situations with low volume usage, these can be attached with hand die sets.



	I.D.	O.D.	Part Number
#0	1/4"	5/8"	GRMWSPUROSS
#1	5/16"	13/16"	GRMWSPUR1SS
#2	3/8"	13/16"	GRMWSPUR2SS
#3	7/16"	7/8"	GRMWSPUR3SS
#4	1/2"	1-1/16"	GRMWSPUR4SS
#5	5/8"	1-3/16"	GRMWSPUR5SS

# GROMMETS AND WASHERS

## Self-Piercing Eyelets and Washers

Self-piercing eyelets are easily installed in Nomex®, plastic, leather, fabric, and paper. These eyelets create a reinforced hole and provide a finished appearance on the products where they are used.



I.D.	O.D.	Brass	Brass/Nickel
9/64"	17/64"	GRM/SE200B	GRM/SE200N
11/64"	23/64"	GRM/SE300B	GRM/SE300N
13/64"	27/64"	GRM/SE400B	GRM/SE400N
15/64"	29/64"	GRM/SE500B	GRM/SE500N

## Brass Self-Piercing Rolled Rim Grommets with Spur Washers

Our heavy-duty self-piercing rolled rim grommets with spur washers are designed for use in heavy stress applications. Commonly found on tarps and awnings, these grommets save time and labor by setting in one easy step.



	I.D.	O.D.	Brass	Brass/Nickel
#0	9/32"	11/16"	GRMWSPUR0	GRMWSPUR0N
#1	3/8"	3/4"	GRMWSPUR1	GRMWSPUR1N
#2	29/64"	7/8"	GRMWSPUR2	GRMWSPUR2N
#4	9/16"	11/16"	GRMWSPUR4	GRMWSPUR4N



# METAL HARDWARE

## Snap Hooks

We maintain a large inventory of snap hooks in several styles and material types. Due to the wide range of product in this section, we have listed only our standard items.



<b>BNFE249</b>	#0 Brass/Nickel Fixed Eye Strap
<b>SNAPHOOK1SS</b>	1" Snap Hook #M-142, Stainless Steel
<b>SNAPHOOK112SS</b>	1-1/2" Snap Hook #M-142, Stainless Steel
<b>SNAPHOOK1BHD</b>	1" Swivel Snap Hook, Heavy-Duty, Available in Brass or Brass/Nickel
<b>WEBHOOK1SS</b>	1" Webbing Snap Hook, Heavy-Duty, Stainless Steel

## D-rings

metal d-rings are suitable for use in many applications. We carry inventory in several sizes and materials.



<b>DRING1STLW</b>	Steel/Nickel, 1" x .162 dia.
<b>DRING118STLW</b>	Steel/Nickel, Heavy-Duty, 1-1/8" x .212 dia.
<b>DRING1SSW</b>	Stainless Steel, 1" x .162 dia.
<b>DRING118SSW</b>	Stainless Steel, 1-1/8" x .208 dia.
<b>DRINGMT34SS</b>	Screwmounted D-ring, 3/4" Stainless Steel

## Padeyes

Our padeyes are normally surface mounted with #10 or #12 self-tapping screws. They are frequently used as snap hook anchors.



<b>PADEYEBN541</b>	Pad Eye, Brass/Nickel
<b>PADEYESS542</b>	Pad Eye, Stainless Steel

# METAL HARDWARE

## Webbing Buckle

Our quick-slide webbing buckle is ideal for cinching webbing straps with ease.



QRS1SS

1" Quick release Web Strap Buckle, Stainless Steel

## Shock Cord Hooks

Combine our standard shock cord and shock cord hooks to create custom length shock cord straps.



SCHOOK316S

3/16" Black Shock Cord Hook, Short Vinyl Coat w/Tip

SCHOOK14S

1/4" Black Shock Cord Hook, Short Vinyl Coat w/Tip

SCHOOK14L

1/4" Black Shock Cord Hook, Long w/White Vinyl Tip

SCHOOK38L

3/8" Black Shock Cord Hook, Long Plastic Coated

## T-Nut

Stainless steel t-nuts offer the maximum in corrosion resistance. Our t-nuts provide metal threads in wood or plastic applications.



TNUT142038SS

Stainless Steel T-nut, 1/4" - 20 x 3/8" Barrel

# PLASTIC FASTENERS

## Shock Cord Hooks

To assemble custom length shock cord straps, simply combine our standard shock cord with our versatile shock cord hooks.



**PLSCHK142P**

1/4" Black Plastic 2 Piece Shock Cord Hook

**PLSCHK382PHD**

3/8" Black Plastic 2 Piece Heavy Duty Shock Cord Hook

## Cord Locks

offers cord locks that firmly secure shock cord and eliminate slippage. Easy to use; simply compress the cord lock, which then depresses an internal hard action spring providing a secure assembly. We carry two different sizes of cord locks for sporting equipment, bags, luggage and more.



**PLCLOCK14S**

3/16"-1/4" Short Black Plastic Cord Lock

**PLCLOCK14**

3/16"-1/4" Black Plastic Cord Lock

## Zip Clips

multi-purpose zip clips provide a convenient means of zipper adjustment and keep loose string ends from being pulled out. For easier zipper operation, choose either our snap zip clip that snaps to the pull-tab of a zipper or Fasnaps' zip clip assembled with a cord.



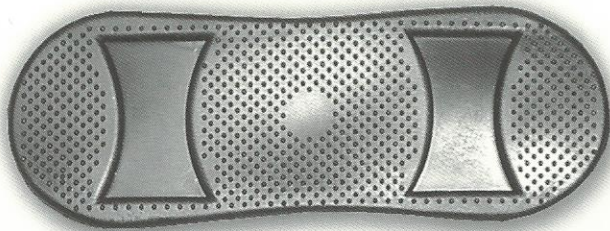
**PLZIPCLIP**

Black Plastic Zip Clip Only

**PLZIPCLIPCRD**

Zip Clip Assembled With Cord

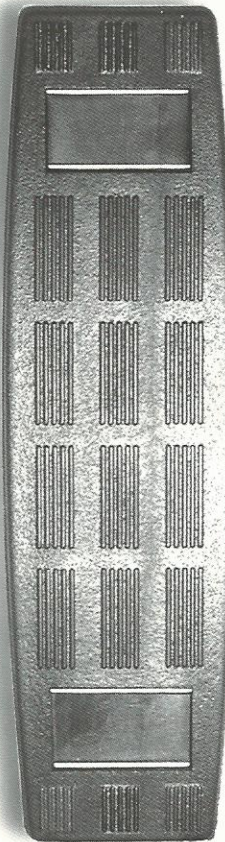
# PLASTIC FASTENERS



## Shoulder Pads

Shoulder pads work in conjunction with our webbing, snap hooks and D-rings. Our comfortable shoulder pads provide a high quality, reliable and effective solution for transporting luggage or various types of bag designs.

<b>PLSQPAD1</b>	1" Black Square Shoulder Pad
<b>PLSQPAD112</b>	1-1/2" Black Square Shoulder Pad
<b>PLRNDPAD1</b>	1" Black Round Shoulder Pad
<b>PLRNDPAD112</b>	1-1/2" Black Round Shoulder Pad
<b>PLRNDPAD2</b>	2" Black Round Shoulder Pad



## Luggage Foot

A two piece luggage foot is press fitted together to provide a highly durable surface for the bottom of luggage. Our luggage foot provides an effective first line of defense against surface abrasion.

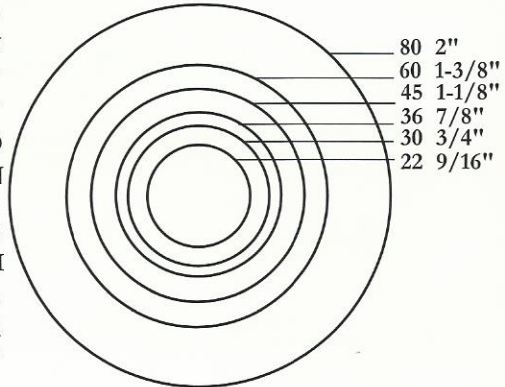
<b>PLLFOOT</b>	Black Plastic Luggage Foot
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# UPHOLSTERY BUTTON SUPPLIES AND EQUIPMENT

*covers thousands of buttons daily. We are equipped to handle small runs of 50 pieces or larger production runs of several thousand pieces per day. With our ability to control rigid ISO9002/QS9000*

*quality standards on button manufacturing, we can supply customers with buttons covered with selected material on a timely and cost-efficient basis.*

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## 2-PIECE BUTTON DIE SETS FOR HANDY JR. MACHINE

Button size/ fabric weight	Light	Medium	Heavy
#22	DIES22LU2	DIES22HU2	DIES22HUX2
#30	DIES30LU2	DIES30HU2	DIES30HUX2
#36	DIES36LU2	DIES36HU2	DIES36HUX2
#45	DIES45LU2	DIES45HU2	DIES45HUX2

## 3-PIECE BUTTON DIE SETS FOR SWIVEL PLATE MACHINES

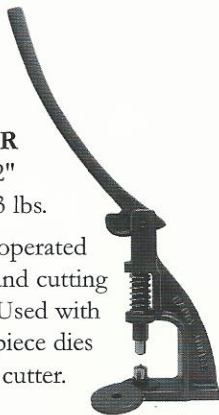
Button size/ fabric weight	Light	Medium	Heavy
#22	DIES22LU3	DIES22HU3	DIES22HUX3
#30	DIES30LU3	DIES30HU3	DIES30HUX3
#36	DIES36LU3	DIES36HU3	DIES36HUX3
#45	DIES45LU3	DIES45HU3	DIES45HUX3

## Button Machines

### MACH1JR

Height: 22"  
Weight: 13 lbs.

Manually operated covering and cutting machine. Used with Handy 2-piece dies and short cutter.



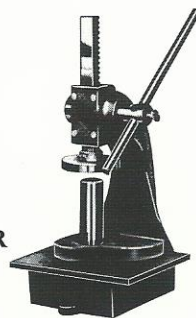
### ADAPSNAPJR

Adapts 3/8" die sets to work in Junior button machines.

### MACH11CUTR

Height: 20"  
Weight: 60 lbs.

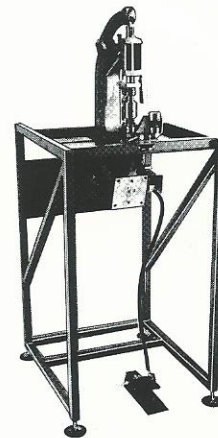
Cutting machine with rack and pinion design for smooth and easy operation. This machine is used with standard long cutters.



### MACH5PABTN

Height: 47"  
Floor Space: 20" x 23"

Air operation provides uniform power pressure to ensure consistently tight buttons. This machine is also available as a kick press.



# DIES, TOOLS AND MACHINES

	PRODUCT DESCRIPTION	PRESS 'N SNAP	PM1, PM40, YM160	PM5, PM5AL, PM20 YM450	MULTI-DUTY DIES
<b>S N A P  D I E S</b>	Snap Dies 4pc set (cap,socket,stud,eyelet)	PNSDIE4647	DIES4647PM1	DIES4647	
	Cap Standard / Long Post 4647AR/LAR, 7047AR/LAR	PNSDIE46AR	DIE4647AR1	DIE4647AR	
	Cap Reverse Die 4647AR, 7047AR/LAR			DIE4647ARV	
	Socket 4647B	PNSDIE46B	DIE4647B1	DIE4647B	
	Socket 7047B	PNSDIE70B	DIE7047B1	DIE7047B	
	Stud 4647C, 7047C	PNSDIE46C	DIE4647C1	DIE4647C	
	Low Base Stud 4647SC			DIE4647SC	
	Flangeless Stud 4647FLC			DIE4647FLC	
	Gypsy Stud P232	PNSDIEP232	DIEP232NB1	DIEP232NB	
	Eyelet 4647D, 7047D	PNSDIE46D	DIE4647D1	DIE4647D	
	Alternative Steel Dies 4pc set 7050 (cap,socket,stud,eyelet)		DIES7050P1	DIES7050P5	
	Alternative Steel Cap 7050			DIE7050A	
	Alternative Steel Socket 7050			DIE7050B	
	Carpet Fastener 10123			DIE10123	
Carpet Fastener 10222			DIE10222		
<b>B A B Y S N A P D I E S</b>	Baby Snap Dies 4pc set (cap,socket,stud,eyelet)	PNSDIE7201	DIESD7201PM1	DIESD7201	
	Baby Snap Cap 7201A13	PNSDIE72A	DIED7201A131	DIED7201A13	
	Baby Snap Socket 7201B	PNSDIE72B	DIED7201B1	DIED7201B	
	Baby Snap Hard Action Stud 7201SC	PNSDIE72SC	DIED7201C1	DIED7201SC	
	Baby Snap Eyelet 7201D	PNSDIE72D	DIED7201D1	DIED7201D	
<b>P L A S T I C  S N A P D I E S</b>	Light-Duty Plastic P3A Cap Die		DIEP3APM1	DIEP3A	
	Light-Duty Plastic P3B Socket		DIEP3BPM1	DIEP3B	
	Light-Duty Plastic P3C Stud		DIEP3CPM1	DIEP3C	
	Medium-Duty Plastic P6A20 Cap		DIEP6A20PM1	DIEP6A20	
	Medium-Duty Plastic P6A24 Cap		DIEP6A24PM1	DIEP6A24	
	Medium-Duty Plastic P6B Socket		DIEP6BPM1	DIEP6B	
	Medium-Duty Plastic P6C Stud		DIEP6CPM1	DIEP6C	
	Heavy-Duty Plastic P7A Cap		DIEP7APM1	DIEP7A	
	Heavy-Duty Plastic P7B Socket		DIEP7BPM1	DIEP7B	
	Heavy-Duty Plastic P7C Stud		DIEP7CPM1	DIEP7C	
<b>X L A R G E  S N A P D I E S</b>	Extra Large Snap Dies 4pc set			DIES789	
	Extra Large Cap			DIE789AR	
	Extra Large Socket			DIE789B	
	Extra Large Stud			DIE789C	
	Extra Large Eyelet			DIE789D	

# DIES, TOOLS AND MACHINES

PARALLEL SPRING DIES	PRES-N-SNAP	PM1, PM40, YM160 Upper Die: 5/16-18 Threaded Lower Die: 3/4" dia. Shank	PM5, PM5AL, PM20, YM450 Upper Die: 3/8" dia. Shank Lower Die: 3/8" dia. Shank	MULTI-DUTY DIES
Parallel Spring Dies 20 ligne 4pc set (cap, socket, stud, eyelet)		DIESPS620PM1	DIESPS620PM5	
Parallel Spring Dies 24 ligne 4pc set (cap, socket, stud, eyelet)		DIESPS624PM1	DIESPS624PM5	
Parallel Spring Cap, 20 ligne		DIEPS6HA20PM1	DIEPS6HA20PM5	
Parallel Spring Cap, 24 ligne		DIEPS6HA24PM1	DIEPS6HA24PM5	
GROMMET DIES				
210 Self-Piercing Grommets 2pc Set	PNSDIES210	DIES210PM1	DIES210PM5	DIES210SM
210 Self-Piercing Grommets 2pc Set — Stainless Steel	PNSDIES210	DIES210PM1	DIES210PM5	
230 Self-Piercing Grommets 2pc Set	PNSDIES230	DIES230PM1	DIES230PM5	DIES230SM
230 Self-Piercing Grommets 2pc Set— Stainless Steel	PNSDIES230	DIES230PM1	DIES230PM5	
250 Self-Piercing Grommets 2pc Set	PNSDIES250	DIES250PM1	DIES250PM5	DIES250SM
250 Self-Piercing Grommets 2pc Set — Stainless Steel	PNSDIES250	DIES250PM1SS	DIES250PM5SS	
280 Self-Piercing Grommets 2pc Set		DIES280PM1	DIES280PM5	DIES280SM
300 Self-Piercing Grommets 2pc Set		DIES300PM1	DIES300PM5	DIES300SM
200 Self-Piercing Eyelet/Grommet 2pc Set		DIES200SEPM1	DIES200SEPM5	
300 Self-Piercing Eyelet/Grommet 2pc Set		DIES300SEPM1	DIES300SEPM5	
400 Self-Piercing Eyelet/Grommet 2pc Set		DIES400SEPM1	DIES400SEPM5	
500 Self-Piercing Eyelet/Grommet 2pc Set		DIES500SEPM1	DIES500SEPM	
#0 Stainless Steel Spur 2pc Set		DIESPUR0SS-YM	DIESPUR0SS-CF	DIESPUR0SS-SM
#1 Stainless Steel Spur 2pc Set		DIESPUR1SS-YM	DIESPUR1SS-CF	DIESPUR1SS-SM
#2 Stainless Steel Spur 2pc Set		DIESPUR2SS-YM	DIESPUR2SS-CF	DIESPUR2SS-SM
#3 Stainless Steel Spur 2pc Set		DIESPUR3SS-YM	DIESPUR3SS-CF	DIESPUR3SS-SM
#4 Stainless Steel Spur 2pc Set			DIESPUR4SS-CF	DIESPUR4SS-SM
#5 Stainless Steel Spur 2pc Set			DIESPUR5SS-CF	DIESPUR5SS-SM
#00 Brass Spur 2pc Set		DIESSPUR00PM1	DIESSPUR00	
#0 Brass Spur 2pc Set		DIESSPUR0-YM	DIESSPUR0	
#1 Brass Spur 2pc Set		DIESSPUR1-YM	DIESSPUR1	
#2 Brass Spur 2pc Set		DIESSPUR2-YM	DIESSPUR2	
#4 Brass Spur 2pc Set			DIESSPUR4	
#2 Plastic Grommets 2pc Set		DIESPLG2PM1	DIESPLG2PM5	
#3 Plastic Grommets 2pc Set		DIESPLG3PM1	DIESPLG3PM5	
230 Top Die Replacement Jaw/O-Ring/Spring			JAWS230	
250 Top Die Replacement Jaw/O-Ring/Spring			JAWS250	
280 Top Die Replacement Jaw/O-Ring/Spring			JAWS250	
300 Top Die Replacement Jaw/O-Ring/Spring			JAWS300	

# DIES, TOOLS AND MACHINES

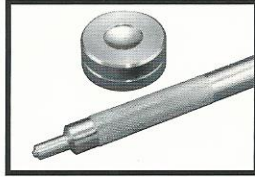
DIRECTIONAL DIES	PRES-N-SNAP	PM1, PM40, YM160 Upper Die: 5/16-18 Threaded Lower Die: 3/4" dia. Shank	PM5, PM5AL, PM20, YM450 Upper Die: 3/8" dia. Shank Lower Die: 3/8" dia. Shank
One-Way-Lift® 16205, 16206			DIELD16205
One-Way-Lift® 16506			DIELD16506
One-Way-Lift® 16349			DIELD16349
One-Way-Lift® 16501			DIELD16501
One-Way-Lift® 16358	PNSDIE16358		DIELD16358
One-Way-Lift® 16509	PNSDIE16509		DIELD16509
One-Way-Pull Cap 18100			DIEPD18100
One-Way-Pull Socket 18201			DIEPD18201
One-Way-Pull Stud 18303			DIEPD18303
Turn Fastener AT2B 2pc set			DIESAT2B-CF
Turn Fastener AT2M 2pc set			DIESAT2M
SnapFast® 2pc set			DIESNPFST1
<b>VENT DIES</b>			
3/4" Stamped Vent Die Set			DIESHBVENT34
1" Stamped Vent Die Set			DIESHBVENT1
1/2" Waterproof and Net/Screen Vent Die Set		DIESVENT12PM1	DIESHBVENT12
5/8" Waterproof and Net/Screen Vent Die Set		DIESVENT58PM1	DIESHBVENT58
3/4" Waterproof and Net/Screen Vent Die Set		DIESVENT34PM1	DIESHBVENT34
1" Waterproof Vent Die Set		DIESVENT1PM1	DIESVENT1
<b>RIVET DIES</b>			
Rivets SH910 2pc set		DISSH910PM1	DISSH910
Rivets SH810 Magnetic 2pc set		DISSH810M1	DISSH810M
Rivets SH130 Magnetic 2pc set		DISSH130M1	DISSH130M
Rivets BN2942/BN406 2pc set			DIES406LL
6mm Self-Piercing Capped Rivet		DIE6MMPM1	DIE6MM
7mm Self-Piercing Capped Rivet		DIE7MMPM1	DIE7MM
8mm Self-Piercing Capped Rivet		DIE8MMPM1	DIE8MM
9mm Self-Piercing Capped Rivet-Stainless Steel	PNSDIES9MMSS	DIE9MMPM1SS	DIE9MMSS
10mm Self-Piercing Capped Rivet		DIE10MMPM1	DIE10MM
10mm Self-Piercing Capped Rivet-Stainless Steel	PNSDIES10MMSS	DIE10MMPM1SS	DIE10MMSS
12mm Self-Piercing Capped Rivet		DIE12MMPM1	DIE12MM
R-4 Washer-Stainless Steel		DIEWSHR4PM1SS	DIEWSHR4SS
R-5 Washer-Stainless Steel		DIEWSHR5PM1SS	DIEWSHR5SS
R-6 Washer		DIEWSHR6PM1	DIEWSHR6
R-9 Washer		DIEWSHR9PM1	DIEWSHR9
R-10 Washer		DIEWSHR10PM1	DIEWSHR10
3mm Washerless Rivet		DIE3XPM1	DIE3X
4mm Washerless Rivet		DIE4XPM1	DIE4X
11mm Rivet Cap and Stud Washer 2pc set		DIESRC11PM1	DIESRC11
12mm Rivet Cap and Stud Washer 2pc set		DIESRC12PM1	DIESRC12



# DIES, TOOLS AND MACHINES



DIESPUR0SS, DIESPUR1SS,  
DIESPUR2SS, DIESPUR3SS,  
DIESPUR4SS, DIESPUR5SS



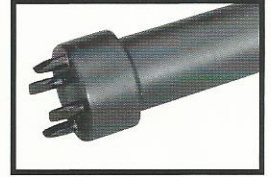
DIES4647HND



FLARE TOOL & ANVIL  
DIES4647HAK



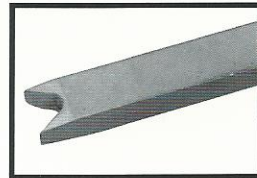
TOOLAT2BH & TOOLLDH



TOOLAT10MH

Hand setting dies for stainless steel spur grommets	DIESPUR0SS, DIESPUR1SS DIESPUR2SS, DIESPUR3SS DIESPUR4SS, DIESPUR5SS
Hand setting dies for brass spur grommets*	DIESPUR1BH, DIESPUR2BH
Hand setting dies for brass and brass nickel self-piercing grommets*	DIES210HND, DIES250HND DIES280HND
Hand setting dies; machined, knurled and plated for 4647 series snaps	DIES4647HND
Disposable hand setting dies for 4647 series snaps	FLARE TOOL & ANVIL DIES4647HAK
Cutter for four prong socket and washer turn fastener	TOOLAT2BH
Cutter for AT10M four prong stud	TOOLAT10MH
Cutter for AT15M stud	TOOLAT15
Cutter for LDBN16205 and 16206	TOOLLDH
Driver for ATF6M, ATF6CD and ATF6CDS	TOOLAT6
Driver for One-Way-Lift® screwstuds	LDDRIVER
Fabric cutter for AT2B	EZTOOLAT2B
Fabric cutter for LDBN16205 and 16206	EZTOOLL
Adapter for Phillips recess in screwstuds. Minimizes gouging and stripping	ADAPPHIL
Tool for precise placement of snap	KWIKFITKIT
Hog ring pliers	HOGRINGPLIER

\*Light-duty hole cutters available.



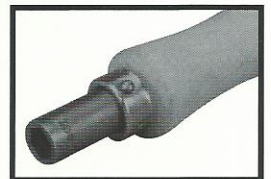
TOOLAT15



TOOLAT6



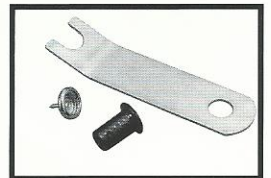
ADAPPHIL



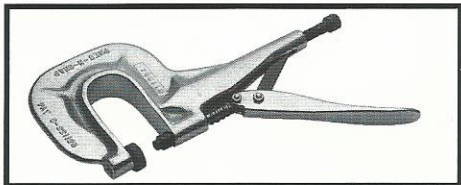
LDDRIVER



EZTOOLAT2B, EZTOOLL



KWIKFITKIT



PRES-N-SNAP

Pres-N-Snap offers on-the-job attachment for snap fasteners, rivets, One-Way-Lift® fasteners, and self-piercing grommets in sizes 0, 1 or 2. We stock all replacement parts for this tool.

## CUTTER CHART FOR GROMMETS AND VENTS

Product	Cutter
GRMWPUR0SS, BNNET12WP, BGNET12WP, BNNET12, BGNET12	CUTRGRM0SS
GRMWPUR1SS, BNNET58WP, BGNET58WP, BNNET58, BGNET58	CUTRGRM1SS
GRMWPUR2SS, BNNET34WP, BGNET34WP, BNNET34, BGNET34	CUTRGRM2SS
GRMWPUR3SS, GRMWSH250WPL	CUTRGRM3SS
GRMWPUR4SS, BNNET1WP, BGNET1WP, BNNET1, BGNET1, VENTWS34BN, VENTWS34B, GRMWSH280WPL	CUTRGRM4SS
GRMWPUR5SS, VENTWS1BN, VENTWS1B	CUTRGRM5SS

## CUTTER CHART FOR BUTTONS

	Short Cutter	Long Cutter
#22 w/ 1" DIAMETER	CUTR22SHT	CUTR22LNG
#30 w/ 1.2" DIAMETER	CUTR30SHT	CUTR30LNG
#36 w/ 1.4" DIAMETER	CUTR36SHT	CUTR36LNG
#45 w/ 1.7" DIAMETER	CUTR45SHT	CUTR45LNG

# DIES, TOOLS AND MACHINES

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## PM1 (MACHPM1SNP)

PM1 machine is a small, entry level bench-mounted machine. The limited leverage available from the short handle makes it suitable for setting snap fasteners and our self-piercing grommets no larger than size 250 (#2). The dies used in this machine interchange with those used in the YM160 machine. Throat depth: 1-7/8".



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## PM5 (MACHPM5SNP)

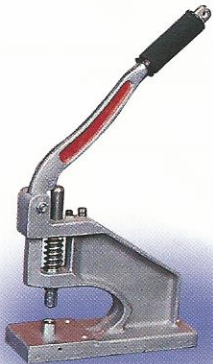
The PM5 machine is an industry standard bench-mounted machine. It is made of tough ductile iron and has a deep throat with a longer padded handle. This machine uses standard 3/8" diameter shank dies that set self-piercing grommets up to size 300 (#4), and snap fasteners in one motion, swiftly and efficiently. Dies interchange with those used on the PM10 and YM450. Throat depth: 4-3/4".



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## PM5AL (MACHPM5AL)

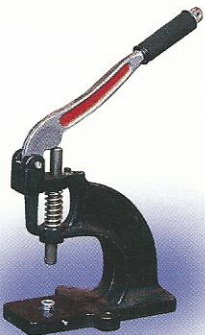
This durable PM5 machine is made of aluminum and can be used either bench-mounted or free-standing. It is heat-treated to T-6 for added strength for setting snap fasteners or our self-piercing grommets, up to size 300, (#4). Throat depth: 4-1/4".



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## PM10 (MACHPM10SN)

PM10 bench-mounted machine is a large scale, heavy-duty version of the PM5 snap machine. It provides the leverage to set larger size grommets. Dies interchange with those used on the PM5 and YM450 machines. Throat depth: 4-3/8".



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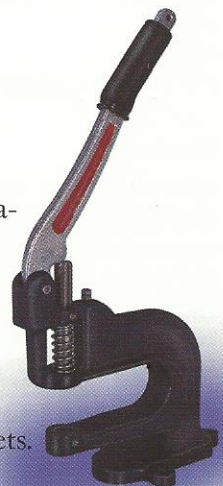
## PM20 (MACHPM20AL)

Our PM20 machine, made from aluminum, has a long padded handle that greatly increases the leverage applied. It can be used for setting our brass or stainless steel #4 and #5 self-piercing spur grommets or, with an easy change of dies, our snap fasteners. This machine can be bench-mounted or is available on a wheeled table, making it very easy to move around large fabrications. Throat depth: 2-3/4".

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## PM40 (MACHPM40)

The PM40 is a bench-mounted, deep throat machine that has a shelf containing the lower die. The shelf allows the operator to attach fasteners to areas that are inaccessible with a standard industry bench press. For example, closed-end products like tool belts, gloves, or pockets. The dies used interchange with those used in the PM1 and YM160 machines. Throat depth: 5-1/8".

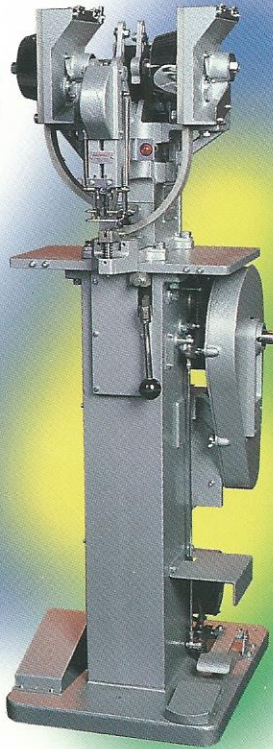


# DIES, TOOLS AND MACHINES

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## APM3000 (MACHAPM3000)

**APM 3000**  
Automatic Fastener Machine is designed to provide speed, consistency, and durability for large production runs of snap fasteners, gypsy studs and sockets, and in some cases, rivets. The APM 3000 is state-of-the-art with its totally mechanical two-stage clutching system. This machine is also available with a deep throat.



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## YM160 (MACHYM160)

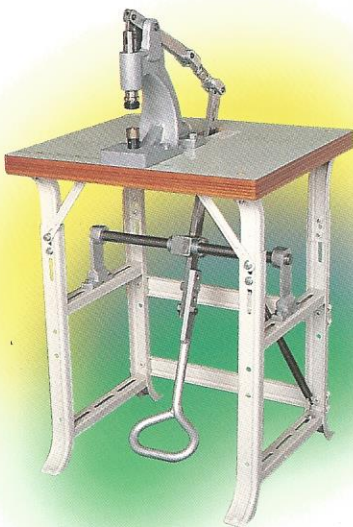
With minimal die expense this machine can set several sizes of grommets, and baby or durable size snap fasteners. A foot lever brings the snaps into place on the fabric, and a thumb switch activates the clutch, fixing the snaps firmly and precisely in place. This machine weighs about 140 lbs. and is mounted on wheels for mobility.



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## YM450 (MACHYM450)

**YM450 Kick Press** Machine has a heavy-duty head that is mounted on a 22" x 21" formica covered table. This very rugged, durable setting machine stands about 42" high. With a quick change of dies, the YM450 provides a labor saving device for consistently setting various types of fasteners. This machine is also available as a heavy-duty kick press that will set larger size grommets.



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## YM160 REVERSE (MACHYM160R)

Ideal for small businesses, this semi-automatic hand fed machine can set our snap fasteners and grommets. The attachment area is opposite the operator so the machine can be built into a table, allowing them to easily maneuver large fabric applications. Mounted on wheels, it provides mobility, speed and perfect closure in a limited floor space. The YM160 Reverse weighs less than 200 lbs. and is driven by a 1/4 H.P. motor.

