

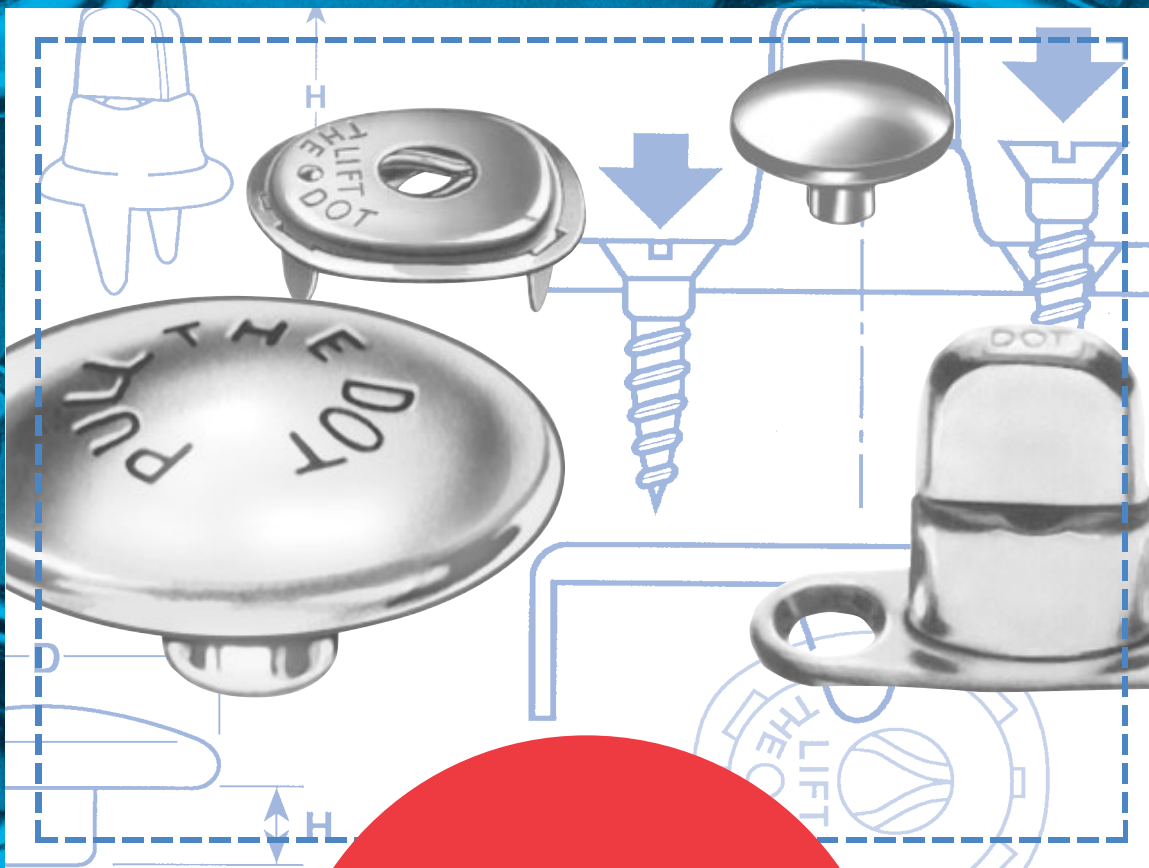
THE BRAND THAT LASTS.sm

DOT[®]

1-800-285-4632

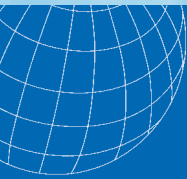
DOT IS AN OPERATING UNIT OF SCOVILL FASTENERS INC

THE BRAND THAT LASTS.sm



DOT[®]

DOT IS AN OPERATING UNIT OF SCOVILL FASTENERS INC.



WE BEAR THE WEIGHT OF THE WORLD.

When strength and durability are essential, there's no attachment stronger than a DOT fastener. Heavy duty construction, uniform engineering, and adherence to the strictest specifications have made **DOT Fasteners** the number one choice of the world's leading marine and industrial product manufacturers for over 80 years. From the high seas to the high tech laboratory to the high speed assembly line, DOT fasteners perform consistently. And that takes the weight off of your shoulders.

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APPLICATIONS FOR DOT BRAND FASTENERS



AWNINGS



BOATING



LUGGAGE/LEATHER



MILITARY



PACKAGING



PROTECTIVE GEAR



SPORTING GOODS



TENTS

1-800-285-4632



WHEN SUPERIOR SNAP ACTION AND HOLDING STRENGTH IS NEEDED, DURABLE IS THE FASTENER TO USE. SELF-PIERCING, SO NO PRE-PUNCHING IS REQUIRED, THE DURABLE FASTENER'S HEAVY-DUTY CONSTRUCTION ASSURES A FIRM GRIP THAT WILL REMAIN SECURE THROUGH YEARS OF USE.

CAPS • SOCKETS • STUDS • POSTS



93-10112
1,3,A
D:.600/15,24mm
H:.318/8,07mm



93-10127
1,2,3,A,B,C,H
D:.600/15,24mm
H:.240/6,10mm



93-10128
1,2,3,4,A,B,C,H
D:.600/15,24mm
H:.170/4,32mm



93-10129
1,2,A
D:.525/13,33mm
H:.195/4,95mm



93-XB-10224
1,2,3,A,B,H
NORMAL ACTION



93-XX-10224
1,3,A,B
HARD ACTION



93-XB-10231
1,3,A
EASY ACTION



93-10370
1,2,3,A,B,H



93-10373
1,A,H
FLANGELESS



93-10379
1,2,3,A,B
DEEP SHELF



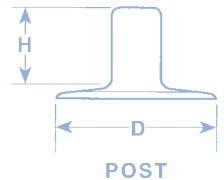
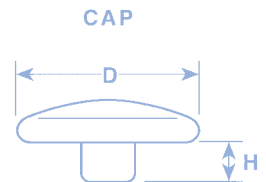
93-10412
1,2,3,A,B,H
D:.555/14,10mm
H:.240/6,10mm



93-10413
1,2,3,A,B,H
D:.555/14,10mm
H:.295/7,49mm



93-10414
1,2,3,A
D:.555/14,10mm
H:.370/9,40mm



GYPSY STUDS



93-10342
1,3,A

SCREW STUDS



93-10301
1,C,D,b



93-10302
1,C,D,c



93-10362
1,3,D,a



93-10393
1,3,A,C,H,a,h



93-10934
1,C,j



93-10704
1,3,A,C,d,H



93-10708
1,3,A,D,e



93-10725
1,C,D,g

FINISHES

- 1 Nickel
- 2 Bright Brass
- 3 Gov. Black
- 4 Specials

BASE MATERIALS

- A All Brass
- B All Steel
- C Brass/Stainless
- D Brass/Steel
- E Brass/Plastic
- F All Plastic
- G Brass/Other Non-ferrous
- H Stainless Steel

SCREW TYPES

- a #8-15 Self-Tapping
- b #8-18 Self-Drilling
- c #10-16 Self-Drilling
- d #8-32 Machine
- e #10-32 Machine
- f #7 Wood Screw
- g #8-18 Self-Tapping
- h #8 Wood Screw
- i #12-14 Self-Tapping
- j #10-16 Self-Tapping

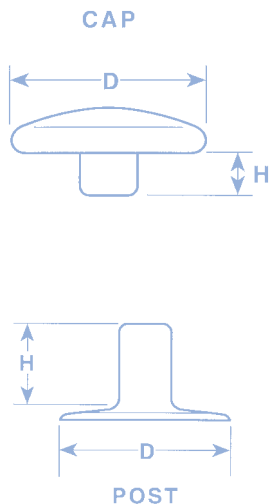


Note - Standard screw lengths: .375/9,52mm, .625/15,88mm



WHEN SUPERIOR SNAP ACTION AND HOLDING STRENGTH IS NEEDED, DURABLE IS THE FASTENER TO USE. SELF-PIERCING, SO NO PRE-PUNCHING IS REQUIRED, THE DURABLE FASTENER'S HEAVY-DUTY CONSTRUCTION ASSURES A FIRM GRIP THAT WILL REMAIN SECURE THROUGH YEARS OF USE.

PLASTICS



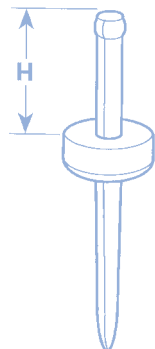
CAPS	•	POSTS	•	SOCKETS	•	STUDS
 93-10419 4,F D: 555/14,10mm H: 310/7,87mm		 93-10419 4,F D: 555/14,10mm H: 310/7,87mm		 93-10233 4,F		 93-10380 4,F
 66-3100 4,F D: 395/10,03mm H: 143/3,63mm		 66-3100 4,F D: 395/10,03mm H: 143/3,63mm		 66-2100 4,F		 66-1100 4,F

FINISHES

- 1 Nickel
- 2 Bright Brass
- 3 Gov. Black
- 4 Specials

BASE MATERIALS

- A All Brass
- B All Steel
- C Brass/Stainless
- D Brass/Steel
- E Brass/Plastic
- F All Plastic
- G Brass/Other Non-ferrous
- H Stainless Steel



WINDSHIELD CLIPS	•	BUCKLES	•	MARINER™
 93-10388 1,C 3/4"		 93-10391 1,C 7/8"		 93-10616 1,D,H
				 93-10150 4,E D: 600/15,24mm H: 187/4,76mm

BLIND RIVET STUDS

 93-10314 1,C H: 299/7,59mm	 93-10319 1,C H: 486/12,34mm	 93-10629 4,F	 93-XB-10224 1,3,A, H
			 93-10370 1,3,A, H

VELTEX CARPET SNAPS

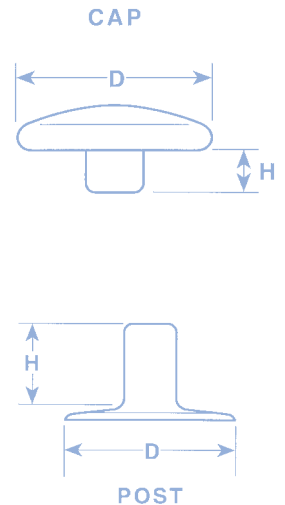
 93-10123 1,3,A RING	 93-10222 1,3,A SOCKET	 93-10412 1,3,A, H D: 555/14,10mm H: 240/6,10mm
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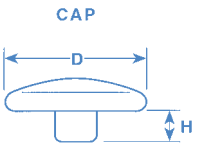
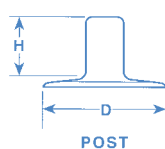
A HEAVY DUTY, THREE SIDED LOCKING SNAP FASTENER THAT IS BUILT TO WITHSTAND EXTREME PRESSURE ON THREE SIDES WITHOUT UNLOCKING. WHEN PULLED ON THE FOURTH SIDE WHERE THE PULL-THE-DOT TRADEMARK APPEARS, THE FASTENER RELEASES INSTANTLY.

CAPS	•	SOCKETS	•	STUDS	•	POSTS
 92-18100 1,3,A,C D: 598/15,19mm H: 166/4,22mm	•	 92-18201 1,3,G	•	 92-18303 1,3,A	•	 93-10412 1,3,A,H D: 555/14,10mm H: 240/6,10mm
 92-18103 1,3,A D: 598/15,19mm H: 236/5,99mm	•		•	 *SCREW STUD 92-18307 1,C,a	•	 93-10413 1,3,A,H D: 555/14,10mm H: 295/7,49mm

*Note - Standard screw lengths: .375/9,52mm, .625/15,88mm



AN INTERMEDIATE SIZE SNAP FASTENER, BABY DURABLE PROVIDES FIRM SNAP ACTION AND STRONG HOLDING POWER WITHOUT BEING VISUALLY PROMINENT ON THE END ITEM.

CAPS	•	SOCKETS	•	STUDS	•	POSTS
 94-12105 1,2,3,4,A D: 454/11,53mm H: 140/3,55mm	•	 94-12205 1,2,3,A,D	•	 94-12302 1,2,3,A,B NARROW FLANGE	•	 94-12402 1,2,3,A D: 495/12,57mm H: 195/4,95mm
 94-12108 1,2,3,4,A,B D: 525/13,34mm H: 126/3,20mm	•	 94-12206 1,2,G HARD ACTION	•	 94-12303 1,2,3,A,B WIDE FLANGE	•	 94-12404 1,2,3,A D: 500/12,70mm H: 245/6,22mm
 94-12126 1,2,A D: 525/13,34mm H: 185/4,70mm	•		•		•	 94-12405 1,3,A,B D: 425/10,80mm H: 245/6,22mm
						 94-12407 1,A,B D: 425/10,80mm H: 195/4,95mm

FINISHES

- 1 Nickel
- 2 Bright Brass
- 3 Gov. Black
- 4 Specials

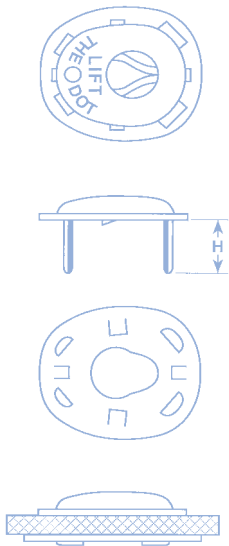
BASE MATERIALS

- A All Brass
- B All Steel
- C Brass/Stainless
- D Brass/Steel
- E Brass/Plastic
- F All Plastic
- G Brass/Other Non-ferrous
- H Stainless Steel

SCREW TYPES

- a #8-15 Self-Tapping
- b #8-18 Self-Drilling
- c #10-16 Self-Drilling
- d #8-32 Machine
- e #10-32 Machine
- f #7 Wood Screw
- g #8-18 Self-Tapping
- h #8 Wood Screw
- i #12-14 Self-Tapping

STRONG AND HEAVY DUTY, LIFT-THE-DOT FASTENERS LOCK ON THREE SIDES AND ARE OPENED BY LIFTING THE FOURTH SIDE WHERE THE DOT AND THE LIFT-THE-DOT TRADEMARK APPEAR.



SOCKETS



90-16205
1,3,A
H: .205/5,21mm



90-16206
1,3,A
H: .275/6,99mm

BACK PLATES



90-16506
1,3,A



FLEXWASHER
90-16510
4,F

STUDS



90-16349
1,3,A



90-16358
1,3,A



90-16347
1,A

WASHERS



90-16501
1,3,A



90-16509
1,3,A

FINISHES

- 1 Nickel
- 2 Bright Brass
- 3 Gov. Black
- 4 Specials

BASE MATERIALS

- A All Brass
- B All Steel
- C Brass/Stainless
- D Brass/Steel
- E Brass/Plastic
- F All Plastic
- G Brass/Other Non-ferrous
- H Stainless Steel

SCREW TYPES

- a #8-15 Self-Tapping
- b #8-18 Self-Drilling
- c #10-16 Self-Drilling
- d #8-32 Machine
- e #10-32 Machine
- f #7 Wood Screw
- g #8-18 Self-Tapping
- h #8 Wood Screw
- i #12-14 Self-Tapping

WINDSHIELD CLIPS



90-16376
1,C
3/4"



90-16377
1,C
7/8"

SCREW STUDS



90-16317
1,A,h



90-16362
1,3,A,d



90-16366
1,D,a



90-16360
1,C,h



Note – Standard screw lengths: .375/9,52mm, .625/16,88mm

POSITIVE LOCKING FASTENERS THAT WILL NEVER OPEN ACCIDENTALLY. EACH STUD IS ASSEMBLED WITH A SPRING MECHANISM, HOLDING THE FASTENER UNDER TENSION UNTIL TURNED BY HAND.

TURN BUTTONS

• BACK PLATES



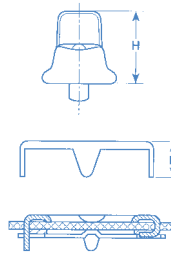
91-78317
1,3,A
H: .790/20,06mm



91-78318
1,3,A
H: .860/21,84mm



91-78502
1,3,A



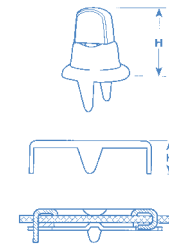
91-78332
1,2,3,A
H: .700/17,78mm



91-78333
1,2,3,A
H: .838/21,28mm



91-78507
1,2,3,A



TURN BUTTONS

• WASHERS

• GROMMETS



91-78323
1,3,A
H: .790/20,06mm



***91-78315**
1,3,D,i
H: .790/20,06mm



91-78505
1,2,3,A



91-78403
1,2,3,A
H: .335/8,51mm



91-78322
1,3,A
H: .683/17,35mm



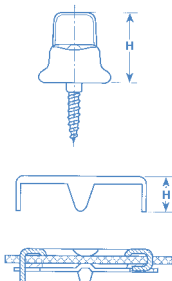
***91-78324**
1,A,C,D,f
H: .790/20,06mm



91-78510
1,2,3,A



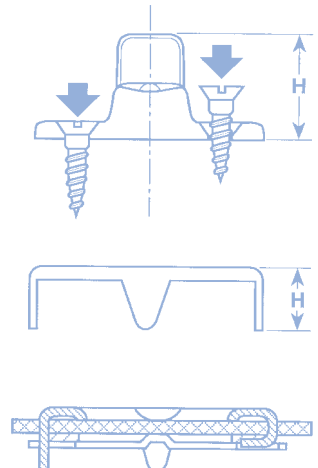
91-78404
1,2,3,A
H: .385/9,78mm



***91-78325**
1,A,D,f
H: .860/21,84mm



FLEXWASHER
91-78511
4,F



FINISHES

- 1 Nickel
- 2 Bright Brass
- 3 Gov. Black
- 4 Specials

BASE MATERIALS

- A All Brass
- B All Steel
- C Brass/Stainless
- D Brass/Steel
- E Brass/Plastic
- F All Plastic
- G Brass/Other Non-ferrous
- H Stainless Steel

SCREW TYPES

- a #8-15 Self-Tapping
- b #8-18 Self-Drilling
- c #10-16 Self-Drilling
- d #8-32 Machine
- e #10-32 Machine
- f #7 Wood Screw
- g #8-18 Self-Tapping
- h #8 Wood Screw
- i #12-14 Self-Tapping

*Note - Standard screw lengths: .375/9,52mm, .625/15,88mm

SEGMA IS A CLOSURE IDEALLY SUITED FOR LIGHT DUTY APPLICATIONS. FEATURING A SEGMENTED SOCKET, SEGMA DELIVERS CONSISTENT SNAP ACTION PERFORMANCE AND VALUE.

FINISHES

- 1 Nickel
- 2 Bright Brass
- 3 Gov. Black
- 4 Specials

BASE MATERIALS

- A All Brass
- B All Steel
- C Brass/Stainless
- D Brass/Steel
- E Brass/Plastic
- F All Plastic
- G Brass/Other Non-ferrous
- H Stainless Steel

CAPS



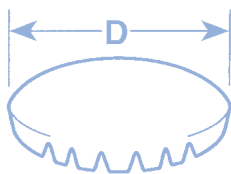
95-21142
1,2,3,4,B
D: 345/8,77mm



95-21152
1,2,3,4,A
D: 345/8,77mm



95-21154
1,2,3,4,A,B
D: 398/10,11mm



SOCKETS



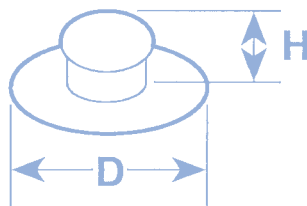
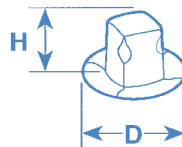
95-21201
1,2,3,A,B
D: 335/8,51mm
H: 227/5,78mm



95-22201
1,2,3,A,B
D: 375/9,53mm
H: 237/6,03mm



95-22202
1,2,3,A,B
D: 375/9,53mm
H: 275/6,99mm



STUDS



95-21302
1,2,A,B
D: 445/11,30mm
H: 135/3,43mm



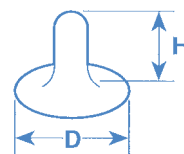
95-21316
1,2,3,A,B
D: 320/8,13mm
H: 130/3,30mm



95-22303
1,2,3,A
D: 330/8,38mm
H: 227/5,77mm



95-22321
1,2,3,A,B
D: 335/8,51mm
H: 139/3,53mm



95-21403
1,2,A,B
D: 437/11,10mm
H: 235/5,97mm



95-21401
1,2,3,A,B
D: 328/8,33mm
H: 245/6,22mm



95-21409
1,2,3,A,B
D: 325/8,26mm
H: 300/7,62mm



95-22405
1,2,3,A,B
D: 395/10,00mm
H: 330/8,38mm



95-22402
1,2,3,A,B
D: 365/9,27mm
H: 345/8,76mm

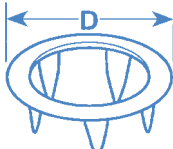


95-22413
1,2,4,B
D: 323/8,20mm
H: 365/9,27mm

MISCELLANEOUS



SPECIAL FASTENERS FOR LEATHER GOODS AND PACKAGING APPLICATIONS.

PRONGS	•	SOCKETS	•	STUDS	•	POSTS
 96-90945 H D: 400/10,16mm 		 96-90238 H  96-90233 1,A		 96-90307 H  96-90315 1,3,A		 96-90413 H

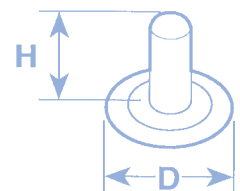
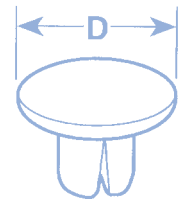
FINISHES

- 1 Nickel
- 2 Bright Brass
- 3 Gov. Black
- 4 Specials

BASE MATERIALS

- A All Brass
- B All Steel
- C Brass/Stainless
- D Brass/Steel
- E Brass/Plastic
- F All Plastic
- G Brass/Other
- H Non-ferrous
- I Stainless Steel

SPEEDY RIVETS	•	LOCKING FASTENERS
 95-99884 1,2,3,4,A,B D: 275/6,98mm  95-21409 1,2,3,4,A,B D: 328/8,33mm H: 297/7,54mm		 95-99972 1,2,3,4,A,B D: 400/10,16mm  95-22405 1,2,3,4,A,B D: 390/9,92mm H: 328/8,33mm  96-90229 1,A  96-90331 1,A





SHEET METAL GROMMETS WITH PLAIN, TOOTH AND TEL-WASHERS

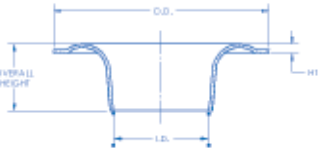
SHEET GROMMETS - STANDARD GROMMETS CAN BE USED INTERCHANGABLY WITH PLAIN, TOOTH OR TEL-WASHERS

PLAIN WASHERS - BASIC REINFORCEMENT PROVIDING SUPPORT FOR THE GROMMET SETTING

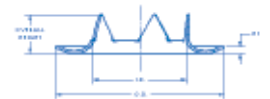
TOOTH WASHERS - A FIRMER, TIGHTER GRASP, PARTICULARLY USED IN WOVEN MATERIAL

TEL-WASHERS - TELESCOPING; BARREL TO BARREL SETTING; REINFORCES THE HOLE WITH TWO ENTIRE PARTS; FACILITATES AUTOMATIC FEEDING SETTING OF GROMMET AND WASHER

SHEET GROMMETS • PLAIN WASHERS • TEL-WASHERS

Hole Size	3/16	 SHG#00 / 20-10900 ID: .175 OD: .425 H: .177 H1: .031 MAT'L: .009	 PW#00 / 20-10800 ID: .216 OD: .475 H: .034 MAT'L: .009	 TELW#00 / 20-14800 ID: .220 OD: .425 H: .150 H1: .025 MAT'L: .010	
	1/4	 SHG#0 / 20-00900 ID: .248 OD: .545 H: .210 H1: .036 MAT'L: .012	 PW#0 / 20-00800 ID: .291 OD: .547 H: .032 MAT'L: .010	 TELW#0 / 20-04800 ID: .294 OD: .531 H: .131 H1: .036 MAT'L: .010	
	9/32	 SHG#1 / 20-00901 ID: .287 OD: .682 H: .210 H1: .042 MAT'L: .012	 PW#1 / 20-00801 ID: .355 OD: .697 H: .036 MAT'L: .012	 TELW#1 / 20-04801 ID: .355 OD: .705 H: .147 H1: .042 MAT'L: .010	
	3/8	 SHG#2 / 20-00902 ID: .362 OD: .815 H: .252 H1: .040 MAT'L: .010	 PW#2 / 20-00802 ID: .460 OD: .838 H: .039 MAT'L: .012	 TELW#2 / 20-04802 ID: .429 OD: .840 H: .135 H1: .040 MAT'L: .010	
	7/16	 SHG#3 / 20-00903 ID: .433 OD: .970 H: .345 H1: .054 MAT'L: .014	 PW#3 / 20-00803 ID: .528 OD: .955 H: .048 MAT'L: .013	 TELW#3 / 20-04803 ID: .491 OD: .945 H: .170 H1: .045 MAT'L: .014	
	1/2	 SHG#4 / 20-00904 ID: .488 OD: 1.050 H: .420 H1: .050 MAT'L: .016	 PW#4 / 20-00804 ID: .590 OD: 1.1070 H: .056 MAT'L: .013	 TELW#4 / 20-009T4 ID: .603 OD: 1.053 H: .240 H1: .050 MAT'L: .016	

TOOTH WASHERS



- Available in a wide range of metal finishes.
- All dimensions are in inches.
- Hole size is approximate measurement after setting.

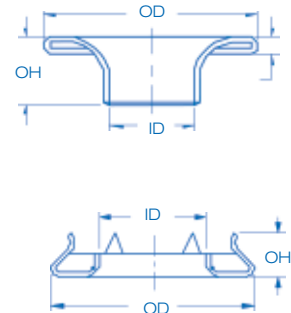
• Illustrations and images are not actual sizes.



ROLLED RIM GROMMETS WITH SPUR WASHERS

DOT BRAND GROMMETS AND WASHERS ARE MADE FROM HEAVY-DUTY BRASS TO WITHSTAND THE MOST DIFFICULT OF APPLICATION ENVIRONMENTS. AVAILABLE IN SHEET METAL STYLE, ROLLED-RIM AND SPUR, AND TOOTH WASHER TYPES, DOT GROMMETS AND WASHERS ARE DESIGNED TO PROVIDE THE ULTIMATE IN HOLE-REINFORCEMENT TECHNOLOGY. AND, USING DOT GROMMET AND WASHER TOOLING MAKES INSTALLATION EASY AND TROUBLE-FREE.

GROMMETS	WASHERS	GROMMETS	WASHERS
 RRG#0 / 20-00990 ID: .266 OD: .668 H: .237 H1: .067 MAT'L: .016 Hole Size: 9/32	 SW#0 / 20-00880 ID: .340 OD: .645 H: .138 MAT'L: .016	 RRG#1 / 20-00991 ID: .370 OD: .790 H: .284 H1: .072 MAT'L: .016 Hole Size: 3/8	 SW#1 / 20-00881 ID: .454 OD: .790 H: .173 MAT'L: .016
 RRG#2 / 20-00992 ID: .430 OD: .886 H: .320 H1: .078 MAT'L: .018 Hole Size: 7/16	 SW#2 / 20-00882 ID: .514 OD: .893 H: .150 MAT'L: .018	 RRG#3 / 20-00993 ID: .430 OD: .962 H: .336 H1: .078 MAT'L: .020 Hole Size: 15/32	 SW#3 / 20-00883 ID: .528 OD: .968 H: .195 MAT'L: .020
 RRG#4 / 20-00994 ID: .565 OD: 1.125 H: .398 H1: .098 MAT'L: .020 Hole Size: 9/16	 SW#4 / 20-00884 ID: .642 OD: 1.118 H: .208 MAT'L: .020		



- Available in a wide range of metal finishes.
- All dimensions are in inches.
- Hole size is approximate measurement after setting.

CUSTOM PRODUCTS



- Full service product and tool design
 - CAD/CAM
- Progressive, transfer, and four slide tooling
- Extensive stamping press and wire forming capacity
 - Baird transfer presses
 - Waterbury Farrell transfer presses
 - Minster vertical presses from 15 to 60 ton
 - Baird four slide presses
 - Headers/threaders
- Stamp and form small components in large volumes from brass, copper, steel, stainless steel and aluminum
- Design, produce, and maintain tooling from tool steel and carbide
- Skilled toolmakers and setters
- Wire EDM, computer controlled lathes, and laser cutters

- Illustrations and images are not actual sizes.

DOT SNAPMASTER™ PRESSES



AUTOMATICS

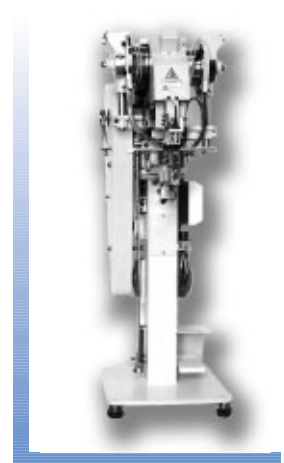
Features	Model Number	
	7057	SM6
THROAT DEPTH	4-1/4"	2-1/2"
FLOOR SPACE	4.1 sq. ft.	2.25 sq. ft.
SHIPPING WEIGHT	400 lb	198 lb
PROTECTIVE GUARDS	Yes	Yes
220V/110V WIRING	Yes	Yes
LOWER LIFTING DIE	No	Optional
LASER TARGET LIGHT	Optional	Yes

Benefits

Proven dependability • Operator friendly • Quiet operation



MODEL 7057



MODEL SM6

FOOT PRESS



MODEL M235

SINGLE HEAD FOOT PRESS MODEL M235

- Cast iron and steel construction
- Interchangeable with all hand and foot machine dies
- Adjustable lower die holder
- Throat depth 5-1/2"
- Table height 32"
- Weight 114 lb.

SEMI-AUTOMATIC



MODEL M200

SEMI-AUTOMATIC FOOT PRESS MODEL M200

- Laser target light
- Adjustable compensator
- Full safety guards
- Adjustable lower die holder
- Throat depth 4-1/2"
- Table height 28"
- Weight 200 lb.

HAND TOOLS AND PRESS

MODEL M370

- Cast iron and steel construction
- Interchangeable with all hand and foot machine dies
- Adjustable lower die holder
- Easy mounting to wooden table/bench
- Throat depth 3"
- Weight 7 lb.



- 192 Chuck Holder for M-100 type chucks
- 450 Cutting Punch for 78403 and 78404 eyelets
- 9951 Cutting Punch for 16205 and 16206 sockets
- 9936 Bench Die for 10412 Durable Eyelet
- 9937 Bench Die for 10128 Durable Button
- 169B Screw Driver for large hexagon Lift-The-DOT Studs
- 169N Screw Driver for 10393 Durable Screw Studs
- 171 Cutting Punch for 78332, 16349, 78333, and 16349
- 164 Setting Punch for regular size Durable Buttons and Eyelets

CUTTING TOOLS

PART #	M370, M235, M236	M840	HAND TOOLS
LIFT-THE-DOT			
90-16205	89-9433	89-4101	89-9951
90-16506	89-9432	89-4201	—
90-16349	—	—	89-171
COMMON SENSE			
91-78332	—	—	89-171
91-78333	—	—	89-171
91-78403	—	89-4103	89-450
	—	89-4203	89-450
91-78404	—	89-4103	89-450
	—	89-4203	89-450

PRE PUNCH TOOLS

PART #	HOLE SIZE	PART #	HOLE SIZE
89-9053	.280	89-9132	.161
89-9054	.280	89-9133	.148
89-9055	.253	89-9134	.148
89-9056	.253	89-9135	.128
89-9057	.236	89-9136	.128
89-9058	.236	89-9137	.108
89-9061	.193	89-9138	.108
89-9062	.193	89-9485	.375
89-9063	.177	89-9486	.375
89-9064	.177	89-9499	.500
89-9131	.161	89-9500	.500

SETTING TOOLS

PART#	M370, M235, M236	M840	HAND TOOLS	PART#	M370, M235, M236	M840	HAND TOOLS
DURABLE				COMMON SENSE			
93-10112	89-1401	—	89-9937	91-78317	89-9577	—	—
93-10127	89-1401	89-4403	89-9937	91-78318	89-9577	—	—
93-10128	89-1401	89-4403	89-9937	91-78502	89-9578	—	—
93-10150	89-1401	89-4403	89-9937	91-78332	—	—	—
93-10223	89-8161	—	—	91-78333	—	—	—
93-10224	89-1410	89-4303	89-164	91-78315	—	—	89-9908
93-10301	—	—	89-169N	91-78324	—	—	89-9908
93-10302	—	—	89-169N	91-78325	—	—	89-9908
93-10342	89-9557	—	—	91-78403	—	89-4302	—
93-10362	—	—	89-169N	91-78404	—	—	—
93-10370	89-1412	89-4304	89-164	91-78505	—	89-4402	—
93-10373	89-1413	—	—	SEGMA			
93-10379	89-8101	89-4304	—	95-21142	89-9546	—	—
93-10123	89-1415	—	—	95-21152	89-9546	—	—
93-10222	89-1414	—	—	95-21154	89-9182	—	—
93-10380	89-8162	—	—	95-22109	89-9217	—	—
93-10393	—	—	89-169N	95-22139	89-9217	—	—
93-10412	89-1407	89-4404	89-9936	95-21201	89-1567	—	—
93-10413	89-1407	89-4404	89-9936	95-22201	89-1580	—	—
93-10414	89-1407	89-4404	89-9936	95-22202	89-1580	—	—
93-10419	89-8158	—	—	95-21316	89-1569R	—	—
93-10704	—	—	89-169N	95-21302	89-1569R	—	—
93-10708	—	—	89-169N	95-22321	89-9219R	—	—
93-10725	—	—	89-169N	95-21401	89-9110	—	—
BABY DURABLE				95-21403	89-9110	—	—
94-12105	89-1482	—	—	95-21409	89-9110	—	—
94-12108	89-1483	89-4406	—	95-22401	89-1587	—	—
94-12205	89-9323	89-4307	—	95-22402	89-1587	—	—
94-12206	89-9323	89-4307	—	95-22405	89-9114	—	—
94-12302	89-9772	—	—	95-22413	89-1589	—	—
94-12303	89-9772	89-4308	—	95-99884	89-9493	—	—
94-12402	89-1488	89-4407	—	95-99972	89-9570	—	—
94-12405	89-1488	—	—	MISCELLANEOUS			
94-12404	89-1488	89-4407	—	96-90215	89-9730	—	—
94-12407	89-1488	—	—		89-9731	—	—
PULL-THE-DOT				96-90233	89-9730	—	—
92-18100	89-9758	89-4405	—		89-9731	—	—
92-18201	89-8059	89-4305	—	96-90315	89-9734	—	—
92-18303	89-9760	89-4304	—		89-9735	—	—
92-18307	—	—	89-169N	96-90229	89-8118	—	—
LIFT-THE-DOT					89-8119	—	—
90-16205	89-1454	89-4301	—	96-90331	89-8120	—	—
90-16206	89-1454	—	—		89-8121	—	—
90-16506	89-1455	89-4401	—	96-91215	89-8184	—	—
90-16349	89-8043	—	—	96-91364	89-8172	—	—
90-16358	89-1456	—	89-9940	96-91412	89-9563	—	—
90-16501	89-8042	—	—	DIE HOLDERS			
90-16317	—	—	89-169B		89-M240-12S		
90-16318	—	—	89-169B		89-M240-12T		
90-16360	—	—	89-169B		89-M370-2 HANDLE		
90-16362	—	—	89-169B		89-9902		
90-16366	—	—	89-169B				



SNAPMASTER™

- Aluminum/ steel construction
- Heavy duty toggle link mechanism
- Dual bushing system
- Adjustable lower die
- Extended throat depth
- Punches and dies interchangeable in upper or lower die seats
- Cushioned operating lever
- Height 8.75"/Width 5"/Depth 1"
- Weight 2 lb.

GROMMET SETTING TOOLS

GROMMET AND WASHER ATTACHING MACHINE

SPECIFICATIONS

GROMMET & WASHER	Rotating brush hopper and raceway
FLYWHEEL SPEED*	140 Revolutions per minute
THROAT DEPTH	6.5"
ACTUATION	Electric Foot Switch
OVERALL DIMENSIONS (With Guard)	35.5" W x 22" D x 58.5" H
NET WEIGHT	303 LBS

*Actual production speed will be dependent upon complexity of parts being handled and manual dexterity of operator.



HAND DRIVE SETTING TOOLS



HT - *

You can set any size grommet with plain, teeth or neck washer or rolled rim grommet with spur washer with our low cost hand tools. Use with wooden or rawhide mallet.

* specify grommet size

FOOT OR HAND PRESS SETTING TOOLS



Hand or foot press setting tools for any size or type grommet and washer. Available in four types:

16P - Hole punch & set tool

16S - Spear point set tool



MS Part Number DOT Part Number

MS27977	STYLE 1	
MS27977	1B	90-XX-16205 B
	1N	90-XX-16205 A
MS27977	2B	90-XX-16206 B
	2N	90-XX-16206 A
MS27977	3B	90-BS-16506 C
	3N	90-BS-16506 A
MS27977	8B	90-XB-16358 B
	8N	90-XB-16358 A
MS27977	10B	90-BS-16509 C
	10N	90-BS-16509 A
MS27977	27B	90-XX-163621 B
	27N	90-XX-163621 A
MS27977	28B	90-XX-163622 B
	28N	90-XX-163622 A
MS27977	29B	90-XX-163624 B
	29N	90-XX-163624 A
MS27977	30B	90-XX-163627 B
	30N	90-XX-163627 A
MS27977	31B	90-XX-163641 B
	31N	90-XX-163641 A
MS27977	32B	90-XX-163642 B
	32N	90-XX-163642 A
MS27977	33B	90-XX-163644 B
	33N	90-XX-163644 A
MS27977	34B	90-XX-163647 B
	34N	90-XX-163647 A
MS27977	35B	90-XX-163631 B
	35N	90-XX-163631 A
MS27977	36B	90-XX-163632 B
	36N	90-XX-163632 A
MS27977	37B	90-XX-163634 B
	37N	90-XX-163634 A
MS27977	38B	90-XX-163637 B
	38N	90-XX-163637 A
MS27977	39B	90-XX-163651 B
	39N	90-XX-163651 A
MS27977	40B	90-XX-163652 B
	40N	90-XX-163652 A
MS27977	41B	90-XX-163654 B
	41N	90-XX-163654 A
MS27977	42B	90-XX-163657 B
	42N	90-XX-163657 A
MS27977	43B	90-XX-163664 B
	43N	90-XX-163664 A
MS27977	44B	90-XX-163684 B
	44N	90-XX-163684 A
MS27977	45B	90-XX-163674 B
	45N	90-XX-163674 A
MS27977	46B	90-XX-163694 B
	46N	90-XX-163694 A
MS27977	59B	90-XX-163604 B
	59N	90-XX-163604 A
MS27977	60B	90-XX-163614 B
	60N	90-XX-163614 A
MS27977	61B	90-XX-163600 B
	61N	90-XX-163600 A
MS27977	62B	90-XX-163610 B
	62N	90-XX-163610 A
MS27977	63B	90-BS-16349 B
	63N	90-BS-16349 A
MS27977	65B	90-BS-16501 C
	65N	90-BS-16501 A
MS27979	STYLE 1B	
MS27979	1	90-XX-16204 C
	2	90-BS-16504 C
	5	90-XB-16343 B
	6	90-BS-16508 C

MS Part Number DOT Part Number

MS27980	STYLE 2	
MS27980	1	93-X2-10128 E
	1B	93-X2-10128 B
	1N	93-X2-10128 A
MS27980	2	93-X2-10127 E
	2B	93-X2-10127 B
	2N	93-X2-10127 A
MS27980	3	93-X2-10129 E
	3B	93-X2-10129 B
	3N	93-X2-10129 A
MS27980	6	93-XX-10224 D
	6B	93-XX-10224 C
	6N	93-XX-10224 A
MS27980	7	93-BS-10370 D
	7B	93-BS-10370 C
	7N	93-BS-10370 A
MS27980	8	93-BS-10412 D
	8B	93-BS-10412 C
	8N	93-BS-10412 A
MS27980	9	93-BS-10413 D
	9B	93-BS-10413 C
	9N	93-BS-10413 A
MS27980	10	93-BS-10414 D
	10B	93-BS-10414 C
	10N	93-BS-10414 A
MS27980	11B	93-XX-107042 C
	11N	93-XX-107042 A
MS27980	12B	93-XX-107043 C
	12N	93-XX-107043 A
MS27980	13B	93-XX-107044 C
	13N	93-XX-107044 A
MS27980	14B	93-XX-107047 C
	14N	93-XX-107047 A
MS27980	15B	93-XX-107082 C
	15N	93-XX-107082 A
MS27980	16B	93-XX-107083 C
	16N	93-XX-107083 A
MS27980	17B	93-XX-107084 C
	17N	93-XX-107084 A
MS27980	18B	93-XX-107087 C
	18N	93-XX-107087 A
MS27980	19B	93-XX-103677 C
	19N	93-XX-103677 A
MS27980	20B	93-XX-103694 C
	20N	93-XX-103694 A
MS27980	23B	93-XX-103937 C
	23N	93-XX-103937 A
MS27980	24B	93-XX-103624 C
	24N	93-XX-103624 A
MS27980	25B	93-XX-103627 C
	25N	93-XX-103627 A
MS27980	27B	93-XB-10342 C
	27N	93-XB-10342 A
MS27981	STYLE 2A	
MS27981	1	94-X2-12108 E
	1B	94-X2-12108 B
	1N	94-X2-12108 A
MS27981	2	94-X2-12126 E
	2B	94-X2-12126 B
	2N	94-X2-12126 A
MS27981	3	94-XX-12206 D
	3B	94-XX-12206 C
	3N	94-XX-12206 A
MS27981	4	94-BS-12303 D
	4B	94-BS-12303 C
	4N	94-BS-12303 A
MS27981	5	94-BS-12402 D
	5B	94-BS-12402 C
	5N	94-BS-12402 A
MS27981	6	94-BS-12404 D
	6B	94-BS-12404 C
MS27981	6N	94-BS-12404 A

MS Part Number DOT Part Number

MS27982	STYLE 3	
MS27982	1B	96-BS-90925 C
	1N	96-BS-90925 A
MS27982	2B	96-BS-90214 C
	2N	96-BS-90214 A
MS27982	3B	96-XB-90208 C
	3N	96-XB-90208 A
MS27982	4B	96-BS-90307 C
	4N	96-BS-90307 A
MS27982	5B	96-BS-90413 C
	5N	96-BS-90413 A
MS27982	6B	96-BS-90322 C
	6N	96-BS-90322 A
MS27983	STYLE 4	
MS27983	1	92-XE-18100 B
	1N	92-XE-18100 A
MS27983	2	92-XX-18201 C
	2N	92-XX-18201 A
MS27983	3	92-BS-18303 C
	3N	92-BS-18303 A
MS27983	4	93-BS-10412 C
	4N	93-BS-10412 A
MS27983	5	93-XB-10113 C
	5N	93-XB-10113 A
MS27984	STYLE 5	
MS27984	1	95-BS-21154 F
	1B	95-BS-21154 B
	1N	95-BS-21154 A
MS27984	3	95-BS-22201 D
	3B	95-BS-22201 C
	3N	95-BS-22201 A
MS27984	4	95-BS-22321 D
	4B	95-BS-22321 C
	4N	95-BS-22321 A
MS27984	6	95-BS-22401 D
	6B	95-BS-22401 C
	6N	95-BS-22401 A
MS27984	8	95-BS-22402 D
	8B	95-BS-22402 C
	8N	95-BS-22402 A
MS27986	STYLE 7	
MS27986	1	95-BS-21409 D
	1B	95-BS-21409 C
	1N	95-BS-21409 A
MS27986	2	95-BS-99884 E
	2B	95-BS-99884 B
	2N	95-BS-99884 A
MS27986	3	95-BS-22405 D
	3B	95-BS-22405 C
	3N	95-BS-22405 A
MS27986	4	95-BS-99972 E
	4B	95-BS-99972 B
	4N	95-BS-99972 A
BNAX		
549177		91-XB-78332 G
549219		91-XB-78333 G
549221		91-XB-78322 G
594220		91-XB-78323 G
549200		91-XB-783247 G
549201		91-XB-783257 G
583244		91-XX-783157 G
587646		91-XX-783167 G
8359954		91-XB-78317 G
10921894		91-XB-78318 G
426687		91-BS-78403 G
426686		91-BS-78505 C
7697418		91-BS-78502 C
549222		91-BS-78507 C
426688		91-BS-78404 G