



Specialists:

~ FASTENERS.

~ WIRE.

~ CABLE.

~ TUBING.

~ FIBER OPTICS.

~ CONNECTORS.

~ KITTING.

~ VALUE-ADDED SERVICES.

SnapSlide™ Fasteners

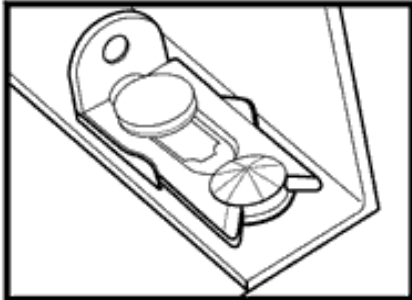
formerly a Dimco-Gray product



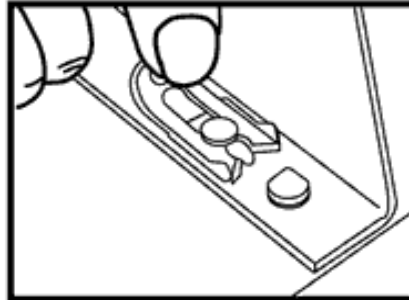
Vibration Proof Holding
Quick ~ Foolproof Release

Installation

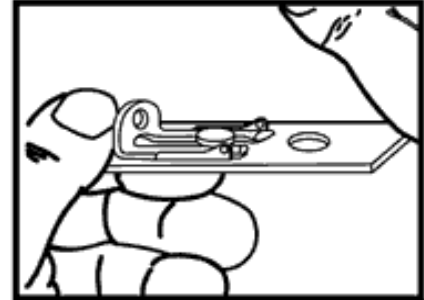
To set rivets and clench studs: Use a stake or swagging tool along with a 60 degree angle punch. To set rivet properly, hit about half-way on point of punch 3 times with 30 pounds of pressure.



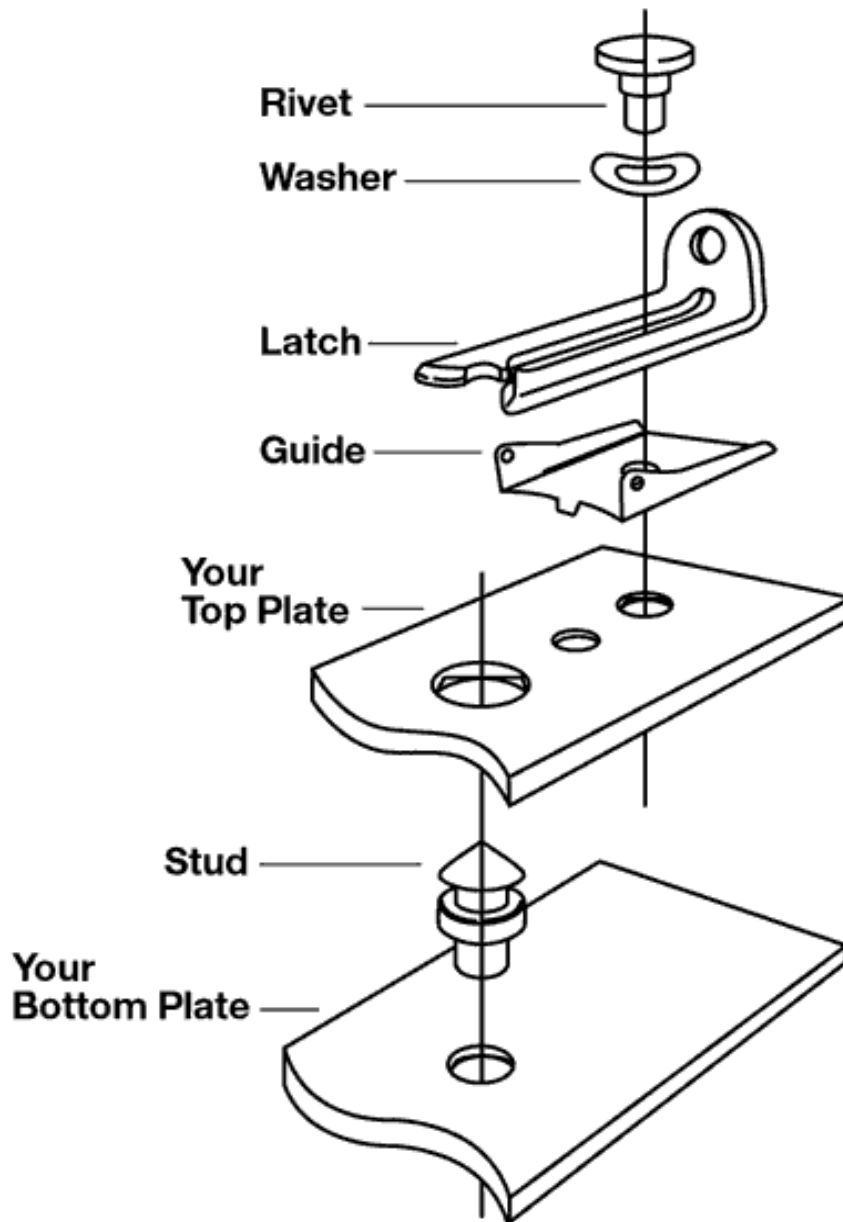
Holds assembly secure



Instantly engages/releases



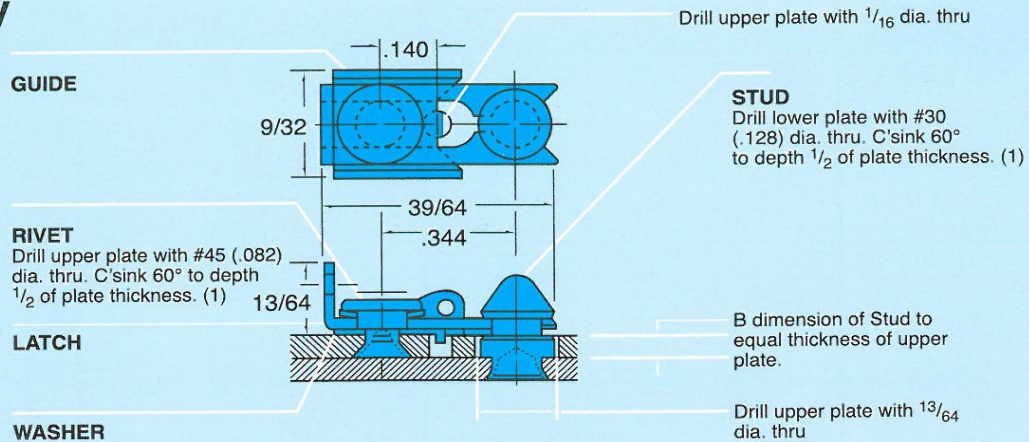
Quick easy removal



No. 1 Miniature

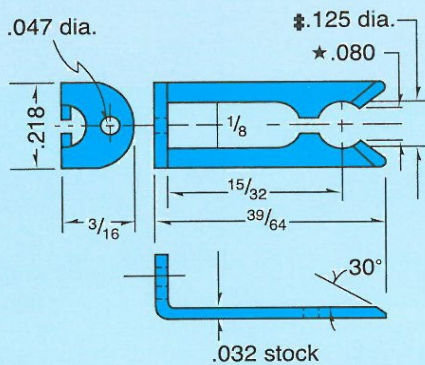
Dimensions and specifications that do not refer to assembly or installation requirements are given for information purposes only and are subject to change without notice. Drawings of parts are available upon request if specific dimensional tolerances are required.

Assembly



(1) Minor cracking (of clenched portion of stud) will not effect mechanical properties.

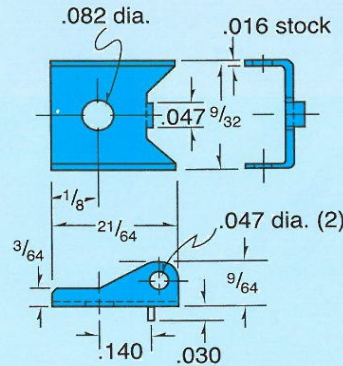
Latch (Part No. 1-L)



MATERIAL: Phos. Bronze, Spring Tempered, Nickel Plated

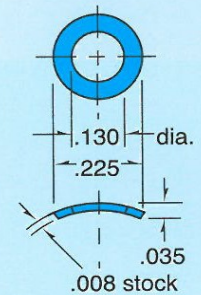
∅=Before Bending ★=After Bending

Guide (Part No. 1-G)



MATERIAL: Brass Nickel Plated

Washer (Part No. 1-W)



MATERIAL: Phos. Bronze, Spring Tempered, Nickel Plated

Rivet/Stud

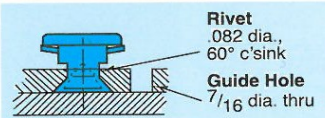
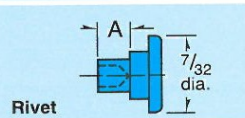
INSTALLATION METHODS and ASSEMBLY HOLE DIMENSIONS

PART NUMBER

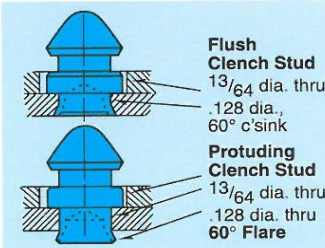
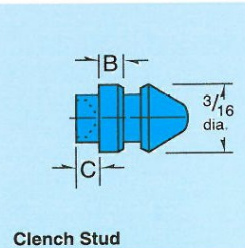
DIMENSIONS

TOP PLATE/GUIDE

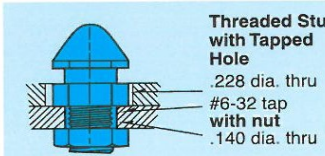
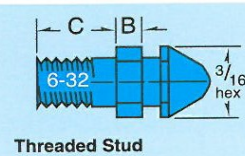
STEEL ALUMINUM



1-R-057	.057		.048, .054	.040, .050
1-R-078	.078		.060, .067	.063, .071
1-R-093	.093		.075, .090	.080, .090, .100
1-R-125	.125		.105, .120	.125



1-S-032-062		.032	.062	.030, .033, .036	.032
1-S-042-062		.042	.062	.036, .042	.040
1-S-042-093		.042	.093	.036, .042	.040
1-S-051-062		.051	.062	.048, .054	.050
1-S-051-093		.051	.093	.048, .054	.050
1-S-063-062		.063	.062	.060, .067	.063
1-S-063-093		.063	.093	.060, .067	.063
1-S-080-093		.080	.093	.075	.071, .080
1-S-090-093		.090	.093	.090	.090
1-S-125-125		.125	.125	.120	.125



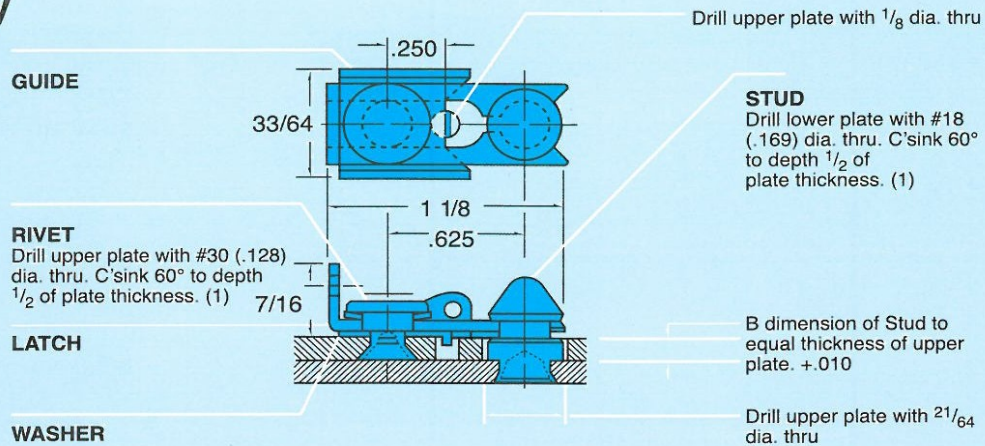
1-H-6-042-312	.042	5/16	.036, .042	.040
1-H-6-051-312	.051	5/16	.048, .054	.050
1-H-6-063-312	.063	5/16	.060, .067	.063
1-H-6-080-312	.080	5/16	.075	.071, .080
1-H-6-090-312	.090	5/16	.090	.090
1-H-6-125-312	.125	5/16	.120	.125

Suggested uses: • Air conditioners • Camera mounts • Navigational equipment • Conveying equipment • Lighting equipment • Commercial laundry equipment • Computers • Electronic panelboards • Electrical test equipment • Flight simulator • Food machinery • Furnace humidifiers • Process controllers • Intercom systems • Machine tool controls • Mobile radio transmitters • Radar equipment • Scientific instruments • Servo systems • Sheet metal ducts • Signs, advertising displays • Sonar equipment • Vending machines • X-ray apparatus.

No. 2 Medium

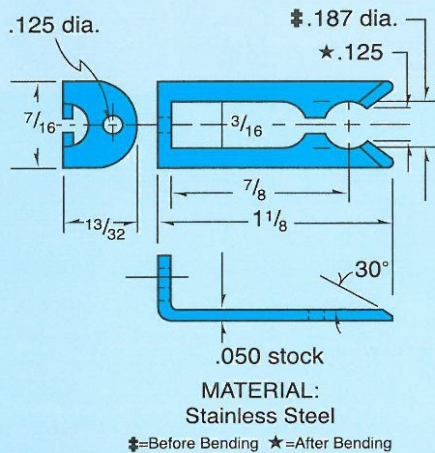
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Assembly

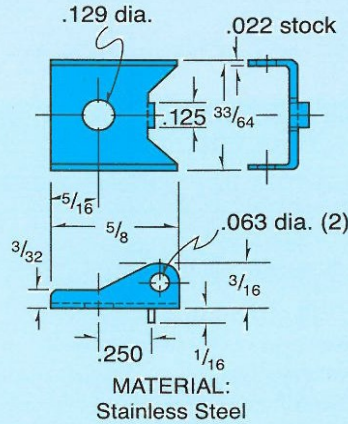


(1) Minor cracking (of clenched portion of stud) will not effect mechanical properties.

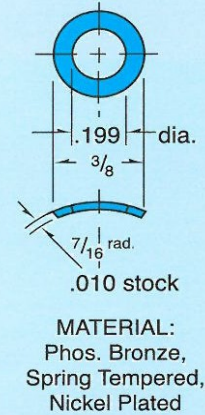
Latch (Part No. 2-L)



Guide (Part No. 2-G)



Washer (Part No. 2-W)



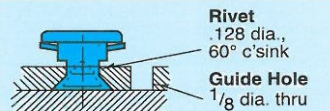
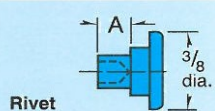
Rivet/Stud

INSTALLATION METHODS and ASSEMBLY HOLE DIMENSIONS

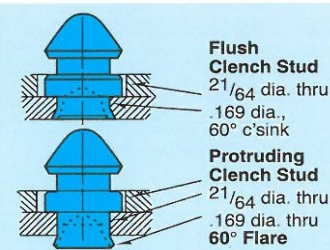
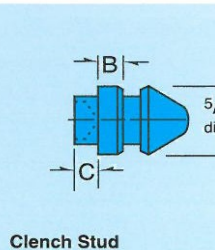
PART NUMBER

DIMENSIONS

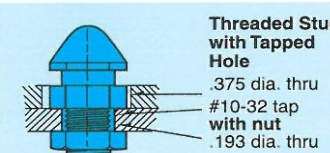
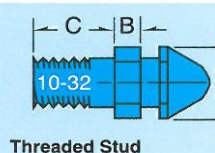
TOP PLATE/GUIDE STEEL ALUMINUM



2-R-078	.078			.060, .067	.063
2-R-093	.093			.075	.071, .080
2-R-113	.113			.090, .105	.090, .100
2-R-141	.141			.120, .135	.125
2-R-163	.163			.150	.160



2-S-1-062-125		.062	.125	.048, .054	.050
2-S-1-075-093		.075	.093	.060, .067	.063, .071
2-S-1-075-187		.075	.187	.060, .067	.063, .071
2-S-1-075-312		.075	.312	.060, .067	.063, .071
2-S-1-090-093		.090	.093	.075	.080
2-S-1-090-187		.090	.187	.075	.080
2-S-1-105-109		.105	.109	.090	.090, .100
2-S-1-105-187		.105	.187	.090	.090, .100
2-S-1-115-187		.115	.187	.105	.100
2-S-1-135-187		.135	.187	.120	.125
2-S-1-156-125		.156	.125	.150	-

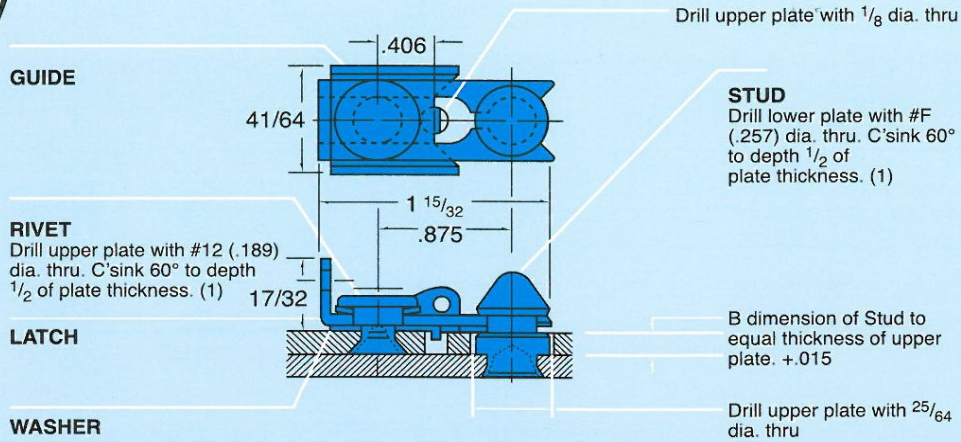


2-H-10-062-437	.062	7/16		.048, .054	.050
2-H-10-075-437	.075	7/16		.060, .067	.063, .071
2-H-10-090-437	.090	7/16		.075	.080
2-H-10-105-437	.105	7/16		.090	.090, .100
2-H-10-135-437	.135	7/16		.120	.125
2-H-10-150-437	.150	7/16		.135	-

Trouble-Shooting: Rivets cracking: 1. Rivet is too small, 2. Tool used is too large, 3. Drilled hole in plate is not countersunk enough, 4. They're hitting it too hard, 5. Using the wrong rivet. The cracking of the rivets can be minimized, if not completely avoided, by countersinking the hole at 60 degrees to a depth such that when the rivet is place thru the hole the outside diameter of the rivet to the outside diameter of the chamfer does not exceed 1/32" of an inch. This will allow enough material topeen over and hold and yet does not spread the material to a breaking point. If you continue to have problems, please submit samples of the defective parts for our evaluation.

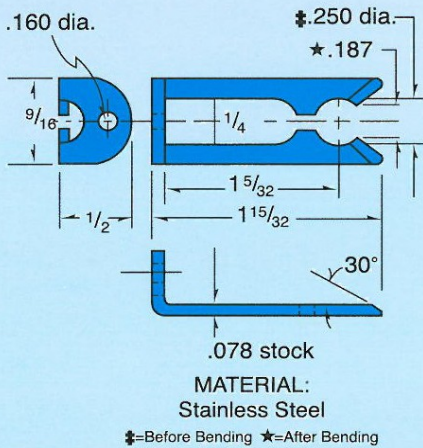
No. 3 Large

Assembly

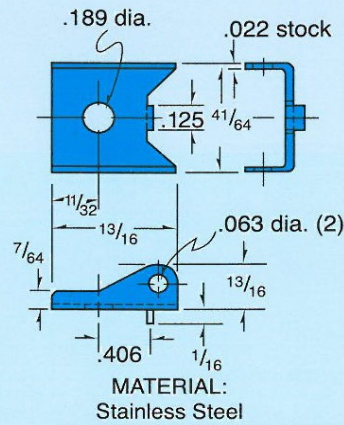


(1) Minor cracking (of clenched portion of stud) will not effect mechanical properties.

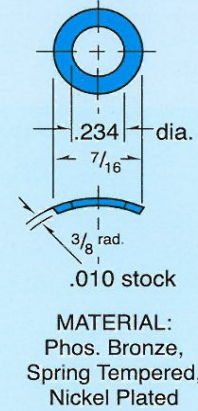
Latch (Part No. 3-L)



Guide (Part No. 3-G)



Washer (Part No. 3-W)

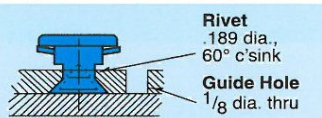
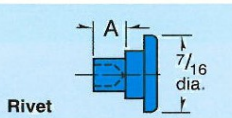


Rivet/Stud

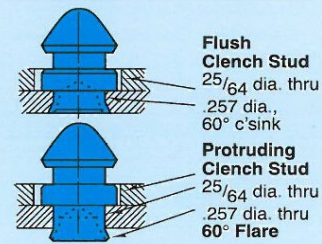
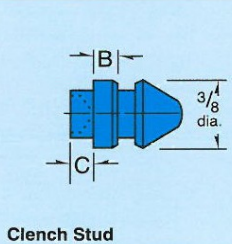
INSTALLATION METHODS and ASSEMBLY HOLE DIMENSIONS

PART NUMBER DIMENSIONS A B C

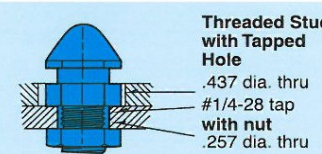
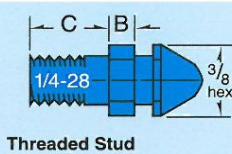
TOP PLATE/GUIDE STEEL ALUMINUM



3-R-078	.078			.060, .067	.063
3-R-093	.093			.075	.080
3-R-105	.105			.090, .105	.090, .100
3-R-138	.138			.120, .135	.125
3-R-172	.172			.150, .164	.160



3-S-1-080-125		.080	.125	.060, .067, .075	.063, .071
3-S-1-095-125		.095	.125	.075, .090	.080, .090
3-S-1-105-093		.105	.093	.090	.090, .100
3-S-1-105-187		.105	.187	.090	.090, .100
3-S-1-125-156		.125	.156	.105, .120	.125
3-S-1-140-125		.140	.125	.120, .135	.125
3-S-1-140-250		.140	.250	.120, .135	.125
3-S-1-155-187		.155	.187	.135, .150	-



3-H-14-080-500		.080	1/2	.060, .067, .075	.063, .071
3-H-14-095-500		.095	1/2	.075, .090	.080, .090
3-H-14-105-500		.105	1/2	.090	.090, .100
3-H-14-125-500		.125	1/2	.105, .120	.125
3-H-14-140-500		.140	1/2	.120, .135	.125

Suggested uses for SnapSlides:

- Air conditioners
- Camera mounts
- Navigational equipment
- Conveying equipment
- Lighting equipment
- Commercial laundry equipment
- Computers
- Electronic panel boards
- Electrical test equipment
- Flight simulator
- Food machines
- Furnace humidifiers
- Process controllers
- Intercom systems
- Machine tool controls
- Mobile radio transmitters
- Radar equipment
- Scientific instruments
- Servo systems
- Sheet metal ducts
- Signs, advertising displays
- Sonar equipment
- Vending machines
- X-ray apparatus

Astros Snapslide Fasteners are ideal for attaching assemblies having sheet metal bases or flanges to sub plate or base castings. They hold securely despite shock or vibration, yet releases quickly to allow removal. Fasteners never need adjustments and can be used indefinitely. Instant snap action engages or releases manually.

