



Structural Rivets



Drive Pins

Bulbing Type

Standard Blind



Rivet Nuts

Multi-Grip

Tools & Tool Parts



STAINLESS STEEL

STANDARD BLIND RIVETS

Stainless Body-Stainless Mandrel Dome Head, 18-8 Large Flange, 18-8

<u>Stainless Body-Steel Mandrel</u> Countersunk Dome Head Large Flange

<u>Closed End, All Stainless</u> Dome Head, 18-8

HI-STRENGTH DOUBLE-LOCK

<u>All Stainless</u> Dome Head, 18-8

STRUCTURAL RIVETS

<u>All Stainless</u> Protruding Head, 18-8

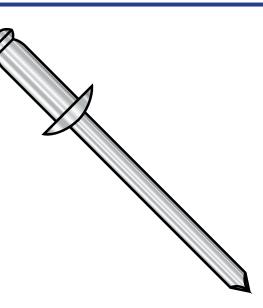
DRIVE PIN RIVETS

<u>Aluminum Body / 18-8 Stainless Pin</u> Brazier Head Countersunk Universal Head

<u>RIVET NUTS</u>

<u>303 Stainless</u> Small Head





ALUMINUM / STEEL / COPPER / NYLON

STANDARD BLIND RIVETS

<u>Aluminum Body-Aluminum Mandrel</u> Dome Head Large Flange Countersunk

<u>Aluminum Body-Steel Mandrel</u> Dome Head Large Flange Countersunk

<u>Steel Body-Steel Mandrel</u> Countersunk

Dome Head Large Flange

<u>Copper Body-Steel Mandrel</u> Dome Head

<u>Copper Body-Brass Mandrel</u> Dome Head

Closed End, All Aluminum

Dome Head

<u>Closed End, Aluminum Body-Steel Mandrel</u> Dome Head

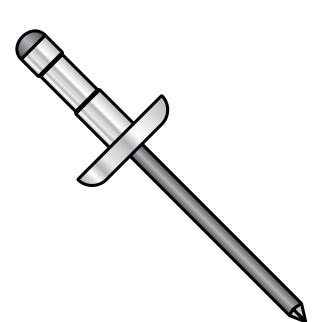
Countersunk

<u>Closed End, Steel Body-Steel Mandrel</u> Dome Head

MULTI-GRIP RIVETS

<u>Aluminum Body-Steel Mandrel</u> Countersunk Large Flange Low Profile Dome Head Brazier Head

Steel Body-Steel Mandrel Large Flange Countersunk Dome Head Low Profile



STRUCTURAL RIVETS

Protruding Head All Steel All Aluminum

High Strength Double-Locking RIVETS

<u>Aluminum Body-Aluminum Mandrel</u> Countersunk Dome Head <u>Steel Body-Steel Mandrel</u> Countersunk Dome Head

<u>3-STAR</u>[™] Bulb Type Rivets, Dome Hd</u>

All Aluminum, Plain All Aluminum, Black Anodized

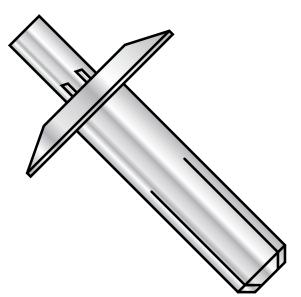
DRIVE PIN RIVETS

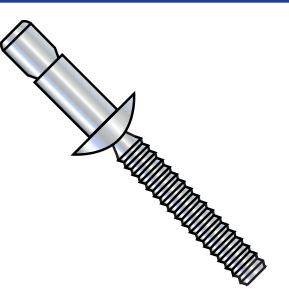
<u>All Aluminum</u> Liner Head

Universal Head Brazier Head Countersunk Head Brazier Head, Masonry

<u>All Steel</u> Universal Head Tamper-Resistant All-Aluminum Protruding Head

<u>All Nylon</u> Flat Head Mushroom Head Round Head Truss Head White Beige Grey <u>Nylon and Steel</u> Mushroom Head Round Head Truss Head





RIVET NUTS

Small Head Ribbed Aluminum Steel Zinc Yellow

<u>Small Head</u> Aluminum Steel Zinc Yellow 303 Stainless

Flat Head Ribbed Steel Zinc Yellow Aluminum

<u>Flat Head</u> Aluminum Steel Zinc Yellow

RIVET TOOLS & TOOL PARTS

Replacement Shaft Replacement Jaws Replacement Nose Pieces Rivet Hand Gun, Heavy Duty **Rivet Hand Gun, Light Weight**

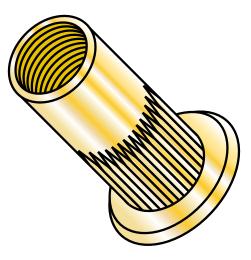
METRIC

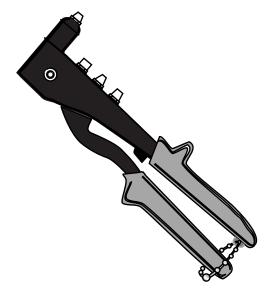
RIVET NUTS

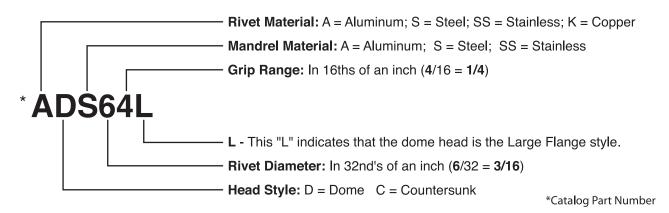
Hex Body Thin Head Steel Zinc Yellow

<u>Round Ribbed Body</u> Small Head, Steel Zinc Yellow Large Flange, Steel Zinc Yellow

<u>Round Body Large Flange</u> Aluminum Steel Zinc Yellow







Notes on Rivet Selection

Strength - The tensile and shear strengths required for an application must be determined and a rivet selected that meets those requirements.

Materials - Choose a rivet that is made of a metal with similar mechanical and physical properties as the materials being joined. This is especially critical in assemblies where higher temperatures and/or corrosive elements are present. Metal compatibility helps reduce the risks of galvanic corrosion and material fatigue.

Grip Range - Measure the total thickness of the materials being fastened. This is known as the "rivet grip". The grip ranges of the most commonly available rivets are listed in the table below. Sufficient rivet length is necessary for proper formation of the secondary head on the blind side of the assembly. Multi-grip rivets have wider grip ranges than standard break-stem blind rivets.

Application Data for Standard Break-Stem Blind Rivets Protruding Heads SAE J-1200												
Rivet Number	Grip Range	Barrel Length	Recommended Hole Size		Drill Size		Rivet Number	Grip Range	Barrel Length	Recommended Hole Size		Drill Size
		Max	Max	Min			Number		Max	Max	Min	
31	.020062	.187	0.100	0.097	#41		62	.020125	.325			#11
32	.020125	.250					63	.126187	.387	0.196	0.192	
33	.087187	.312					64	.188250	.450			
34	.126250	.375					66	.251375	.575			
40	.010030	.150	0.133	0.129	#30		68	.376500	.700			
41	.020062	.212					610	.501625	.825			
42	.063125	.275					612	.626750	.950			
43	.126187	.337					614	.751875	1.075			
44	.188250	.400					616	.876-1.000	1.200			
45	.251312	.462					618	1.001-1.125	1.325			
46	.313375	.525					620	1.126-1.250	1.450			
48	.376500	.650					622	1.251-1.375	1.575			
410	.501625	.775					82	.020125	.375			F
52	.020125	.300	0.164	0.160	#20		84	.126250	.500			
53	.126187	.362					86	.251375	.625	0.261	0.257	
54	.188250	.425					88	.376500	.750			
56	.251375	.550					810	.501625	.875			
58	.376500	.675					812	.626750	1.000			
510	.501625	.800					814	.751875	1.125			
512	.626750	.925					816	.876-1.000	1.250			
516	.876-1.000	1.175										

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