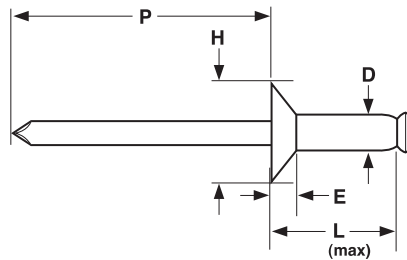


# Rivets

## Aluminum Rivet/ Aluminum Mandrel

## Countersunk Head Blind Rivet



120° COUNTERSUNK HEAD BREAK-STEM BLIND RIVETS								SAE J-1200
Nominal Rivet Diameter	D		H		E	W	P	F
	Rivet Shank Diameter		Head Diameter		Head Height	Mandrel Diameter	Mandrel Protrusion	Blind Side Protrusion
	Max	Min	Max	Min	Max	Nom	Min	Max
1/8	.128	.122	.233	.207	.031	.076	1.00	L + 0.120
5/32	.159	.153	.294	.268	.040	.095	1.06	L + 0.140
3/16	.191	.183	.361	.335	.050	.114	1.06	L + 0.160

<b>Description</b>	An all aluminum blind fastener with a self-contained carbon mandrel which permits the formation of an upset on the blind end of the rivet and expansion of the rivet shank during rivet setting. The mandrel is pulled into or against the rivet body, breaking at or near the junction of the mandrel shank and its upset end. The head of the rivet body is countersunk at an angle of 120°.
<b>Applications/ Advantages</b>	The countersunk head style provides a smooth offside surface and sufficient clearance for moving parts which pass over the rivet head. Aluminum rivets are lightweight and resist corrosion, but have lower tensile and shear values than steel or stainless rivets.
<b>Material</b>	<i>Rivet Body:</i> Aluminum alloy 5050 or 5052 or equivalent <i>Mandrel:</i> Aluminum alloy 7178 or 2024 or equivalent
<b>Shear Strength (Min.)</b>	1/8: 120 lbs.; 5/32: 190 lbs.; 3/16: 260 lbs.
<b>Tensile Strength (Min.)</b>	1/8: 150 lbs.; 5/32: 230 lbs.; 3/16: 320 lbs.
<b>Mandrel Break Load</b>	1/8: 250 - 400 lbs.; 5/32: 425 - 600 lbs.; 3/16: 625 - 825 lbs.

PART NUMBER COMPARISON - ALUMINUM RIVET/ALUMINUM MANDREL							
Catalog Part Number	Huck/ Automatic	Pop®	Marson/ Creative	Star	Celus®	Cherry	Gesipa®
ACA42	ACA42	AK42ABS	AC4-2A	-	A/A42C	AAC-42	GAMC42A
ACA43	ACA43	-	AC4-3A	-	A/A43C	AAC-43	GAMC43A
ACA44	ACA44	-	AC4-4A	-	A/A44C	AAC-44	GAMC44A
ACA46	-	-	-	-	-	AAC-46	-
ACA54	ACA54	-	-	-	-	AAC-54	GAMC54A
ACA56	ACA56	-	-	-	-	AAC-56	GAMC56A
ACA64	ACA64	-	AC6-4A	-	A/A64C	AAC-64	GAMC64A
ACA66	ACA66	-	-	-	-	AAC-66	-
ACA68	ACA68	-	-	-	-	AAC-68	-

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Gesipa® is a registered trademark of Gesipa Fasteners USA Inc.

Pop® is a registered trademark of Emhart Teknologies, LLC.

Kanebridge's rivets are not necessarily manufactured by or connected with the producers of Gesipa® or Pop® rivets.