## **Part Number Key**



Rivet Material: A = Aluminum; S = Steel; SS = Stainless; K = Copper

Mandrel Material: A = Aluminum; S = Steel; SS = Stainless

**Grip Range:** In 16ths of an inch (4/16 = 1/4)

L - This "L" indicates that the dome head is the Large Flange style.

Rivet Diameter: In 32nd's of an inch (6/32 = 3/16)

**Head Style:** D = Dome C = Countersunk

\*Catalog Part Number

## **Notes on Rivet Selection**

ADS64L

**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			Nulliber		Max	Max	Min	) <sup>N</sup> C
31	.020062	.187					62	.020125	.325			
32	.020125	.250	0.100	0.007	#41		63	.126187	.387	]		
33	.087187	.312	0.100	0.097	#41		64	.188250	.450	0.400	0.192	#11
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	0.196		
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	NEF	25 4	
410	.501625	.775					82	.020125	.375	WEN	V 7 5	Ν̈́
52	.020125	.300			#20		84	.126250	.500	]		F
53	.126187	.362	0.164	0.160			86	.251375	.625			
54	.188250	.425					88	.376500	.750	0.004	0.057	
56	.251375	.550					810	.501625	.875	0.261	0.257	
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	/ <b>5</b> ?									

## **Rivets**

## **Part Number Key**

Rivet Material: A = Aluminum; S = Steel; SS = Stainless

- Mandrel Material: A = Aluminum; S = Steel; SS = Stainless

Rivet Diameter: In 32nd's of an inch (6/32 = 3/16)

Grip Range: In 16ths of an inch (4/16 = 1/4)

C - This "C" (if present) indicates that the rivet is a closed-end variety

**Head Style:** C = Countersunk

\*Catalog Part Number

FASTENERS & COMPONENTS



COMPONEN

**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.

	ADDITION DATA FOR STANDARD REAV-STEM BLIND BIVETS - COUNTERCHAIR HEAD											SAE J-1200
Rivet Number	Grip Range	Rivet Length		mended Size	Drill Size	Rivet Number	Grip	Rivet Length	Recommended Hole Size		Drill Size	
		Max	Max	Min			Number	Range	Max	Max	Min	0/
42	.092125	.275	0.133	0.129	#30		54	.188250	.425	TEN	IER9	5 6
43	.126187	.337					56	.251375	.550	0.164	0.160	#20
44	.188250	.400					58	.376500	.675			
45	.251312	.462					64	.188250	.450			
46	.313375	.525					66	.251375	.575	0.196	0.192	#11
48	.376500	.650					68	.376500	.700			