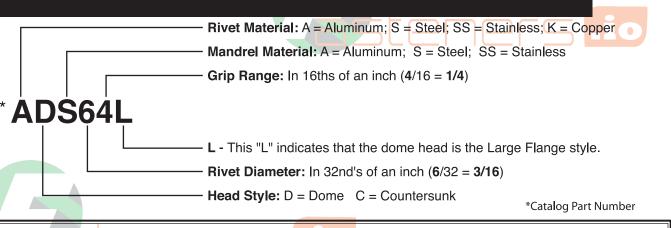
Application Data

Part Number Key



Notes on Rivet Selection

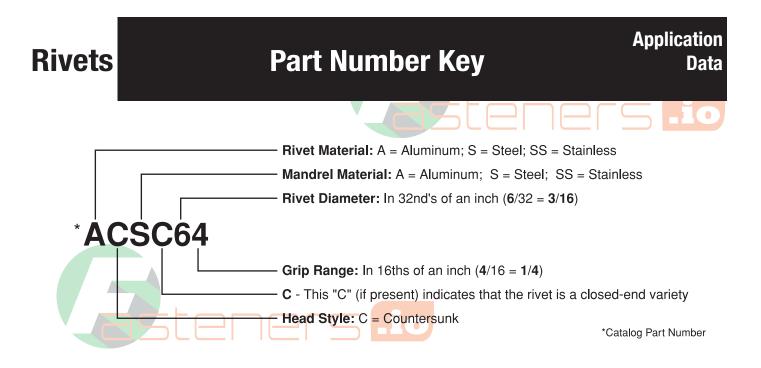
Strength - The tensile and shear strengths required for an application must be determined and a rivet selected that meets those requirements.

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 J-1200													
Rivet Number	Grip Range	Barrel Recommended Length Hole Size			d Drill Size		Rivet Number	Grip Range	Barrel Recom Length Hole			Drill Size	
		Max	Max	Min			Nulliber		Max	Max	Min		
31	.020062	.187		0.097	#41		62	.020125	.325	0.196	0.192	#11	
32	.020125	.250	0.100				63	.126187	.387				
33	.087187	.312	0.100			#41	64	.188250	.450				
34	.126250	.375					66	.251375	.575				
40	.010030	.150		0.129	#30		68	.376500	.700				
41	.020062	.212					610	.501625	.825				
42	.063125	.275	ME			#30	612	.626750	.950				
43	.12 <mark>6187</mark>	.337						614	.751875	1.075			
44	.188250	.400	0.133					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				
52	.020125	.300		0.160	#20			84	.126250	.500]		
53	.126187	.362	0.164				86	.251375	.625	0.261 0.	0.257	F	
54	.188250	.425					88	.376500	.750				
56	.251375	.550					810	.501625	.875		0.257		
58	.376500	.675					812	.626750	1.000		.1		
510	.501625	.800					814	.751875	1.125				
512	.626750	.925					_816	.876-1.000	1.250				
516	.876-1.000	1.175											

Rivets



Notes on Rivet Selection

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Rivet Number	Grip Range	ON DATA FOR STANDARD Rivet Recommended		nended	Drill Size		Grip Range	Rivet Length	Recommended Hole Size		J-1200 Drill Size	
		Length	Hole Size			Rivet Number						
		Max	Max	Min				Max	Мах	Min		
42	.092125	.275	0.133	0.129	#30	54	.188250	.425	0.164	0.160	#20	
43	.126187	.337				56	.251375	.550				
44	.188250	.400				58	.376500	.675				
45	.251312	.462				#30	64	.188250	.450			
46	.313375	.525				66	.251375	.575	0.196	0.192	#11	
48	.376500	.650				68	.376500	.700				