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**)

* **ADS64L**

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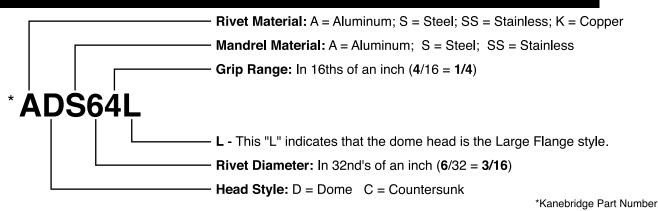
Head Style: D = Dome   C = Countersunk

*Kanebridge Part Number

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 compatability 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 Max	Recommended Hole Size Max	Recommended Hole Size Min	Drill Size	Rivet Number	Grip Range	Barrel Length Max	Recommended Hole Size Max	Recommended Hole Size Min	Drill Size
31	.020-.062	.187				62	.020-.125	.325			
32	.020-.125	.250	0.100	0.097	#41	63	.126-.187	.387			
33	.087-.187	.312				64	.188-.250	.450			
34	.126-.250	.375				66	.251-.375	.575			
40	.010-.030	.150				68	.376-.500	.700			
41	.020-.062	.212				610	.501-.625	.825	0.196	0.192	#11
42	.063-.125	.275				612	.626-.750	.950			
43	.126-.187	.337				614	.751-.875	1.075			
44	.188-.250	.400	0.133	0.129	#30	616	.876-1.000	1.200			
45	.251-.312	.462				618	1.001-1.125	1.325			
46	.313-.375	.525				620	1.126-1.250	1.450			
48	.376-.500	.650				622	1.251-1.375	1.575			
410	.501-.625	.775				82	.020-.125	.325			
52	.020-.125	.300				84	.126-.250	.500			
53	.126-.187	.362				86	.251-.375	.625			
54	.188-.250	.425				88	.376-.500	.750			
56	.251-.375	.550				810	.501-.625	.875	0.261	0.257	F
58	.376-.500	.675	0.164	0.160	#20	812	.626-.750	1.000			
510	.501-.625	.800				814	.751-.875	1.125			
512	.626-.750	.925				816	.876-1.000	1.250			
516	.876-1.000	1.175									