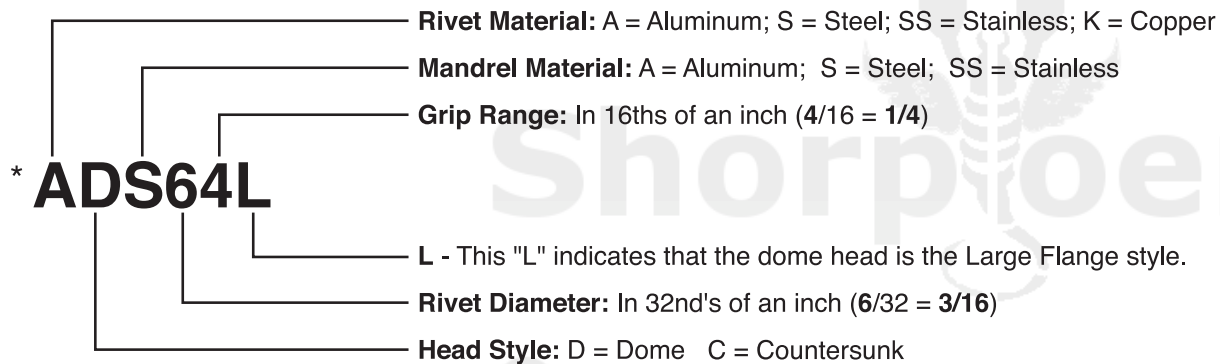


DOME & LARGE FLANGE



*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 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.

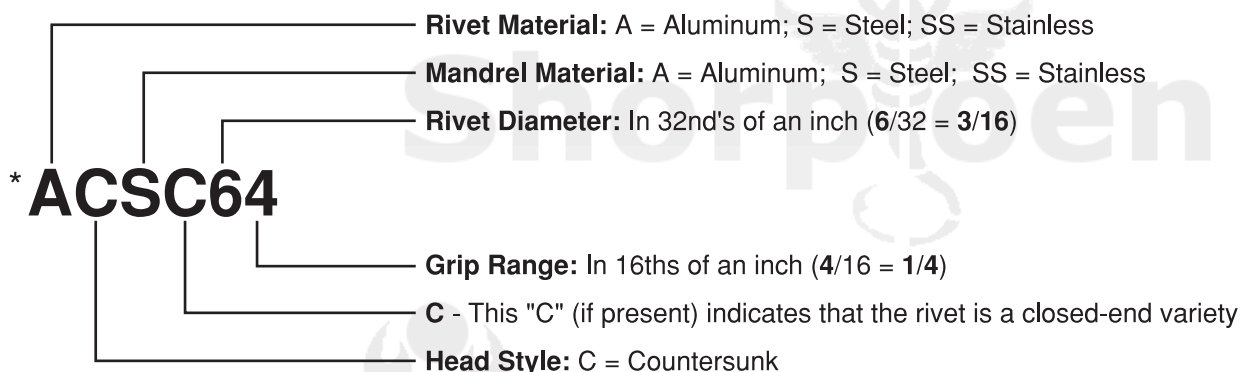
APPLICATION DATA FOR STANDARD BREAK-STEM BLIND RIVETS -- PROTRUDING HEADS

IFI-114,
2015

Rivet Number	Grip Range	Body Length	Recommended Hole Size	Drill Size	Rivet Number	Grip Range	Body Length	Recommended Hole Size	Drill Size
		Ref	Max				Ref	Max	
31	.020-.062	.187	0.100	#41	62	.031-.125	.300	0.196	#11
32	.031-.125	.225			63	.126-.187	.362		
33	.087-.187	.312			64	.188-.250	.425		
34	.126-.250	.375			66	.251-.375	.550		
40	.010-.030	.150	0.133	#30	68	.376-.500	.675		
41	.031-.062	.188			610	.501-.625	.800		
42	.063-.125	.250			612	.626-.750	.925		
43	.126-.187	.313			614	.751-.875	1.050		
44	.188-.250	.375			616	.876-1.000	1.175		
45	.251-.312	.438			618	1.001-1.125	1.325		
46	.313-.375	.500			620	1.126-1.250	1.450		
48	.376-.500	.625			622	1.251-1.375	1.575		
410	.501-.625	.750	0.164	#20	82	.031-.125	.350	0.261	F
52	.031-.125	.275			84	.126-.250	.475		
53	.126-.187	.338			86	.251-.375	.600		
54	.188-.250	.400			88	.376-.500	.725		
56	.251-.375	.525			810	.501-.625	.850		
58	.376-.500	.650			812	.626-.750	.975		
510	.501-.625	.800			814	.751-.875	1.100		
512	.626-.750	.925			816	.876-1.000	1.225		
516	.876-1.000	1.175							

Part Number Key & Application Data

COUNTERSUNK HEAD



*Catalog 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 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 - COUNTERSUNK HEAD										IFI-114, 2015
Rivet Number	Grip Range	Rivet Length	Recommended Hole Size	Drill Size		Rivet Number	Grip Range	Rivet Length	Recommended Hole Size	Drill Size
		Ref	Max					Ref	Max	
42	.092-.125	.250	0.133	#30		54	.188-.250	.400	0.164	#20
43	.126-.187	.313				56	.251-.375	.525		
44	.188-.250	.375				58	.376-.500	.650		
45	.251-.312	.438				64	.188-.250	.425	0.196	#11
46	.313-.375	.500				66	.251-.375	.550		
48	.376-.500	.625				68	.376-.500	.675		