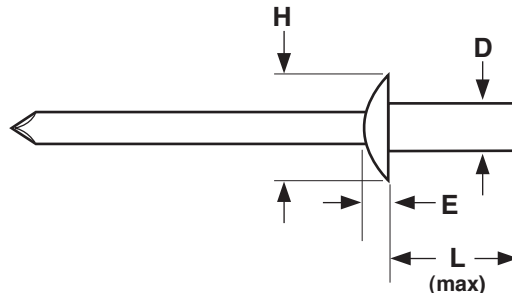


# Closed-End Aluminum Rivet/Steel Mandrel



CLOSED-END, DOME HEAD, ALUMINUM BODY/STEEL MANDREL BLIND RIVETS									Pop®*
Part Number	D	Hole Size	Drill Number	Grip Range	L	H	E	Ultimate Shear Load	Ultimate Tensile Load
	Rivet Body Diameter				Length	Head Diameter	Head Height		
					Inches	Max	Nominal		
								Min, lb.	Min, lb.
ADSC41	.125	.129 - .133	#30	.032 - .062	.255	.236	.051	305	385
ADSC42	.125	.129 - .133	#30	.063 - .125	.316	.236	.051	305	385
ADSC43	.125	.129 - .133	#30	.126 - .187	.377	.236	.051	305	385
ADSC44	.125	.129 - .133	#30	.188 - .250	.440	.236	.051	305	385
ADSC45	.125	.129 - .133	#30	.251 - .312	.502	.236	.051	305	385
ADSC46	.125	.129 - .133	#30	.313 - .375	.565	.236	.051	305	385
ADSC48	.125	.129 - .133	#30	.376 - .500	.700	.236	.051	305	385
ADSC52	.156	.160 - .164	#20	.063 - .125	.330	.312	.066	430	605
ADSC53	.156	.160 - .164	#20	.126 - .187	.392	.312	.066	430	605
ADSC54	.156	.160 - .164	#20	.188 - .250	.455	.312	.066	430	605
ADSC55	.156	.160 - .164	#20	.251 - .312	.517	.312	.066	430	605
ADSC56	.156	.160 - .164	#20	.313 - .375	.540	.312	.066	430	605
ADSC58	.156	.160 - .164	#20	.376 - .500	.750	.312	.066	430	605
ADSC62	.187	.192 - .196	#11	.063 - .125	.345	.375	.081	575	840
ADSC63	.187	.192 - .196	#11	.126 - .187	.468	.375	.081	575	840
ADSC64	.187	.192 - .196	#11	.188 - .250	.540	.375	.081	575	840
ADSC66	.187	.192 - .196	#11	.251 - .375	.595	.375	.081	575	840
ADSC68	.187	.192 - .196	#11	.376 - .500	.720	.375	.081	575	840
ADSC610	.187	.192 - .196	#11	.501 - .625	.906	.375	.081	575	840
ADSC612	.187	.192 - .196	#11	.626 - .750	.975	.375	.081	575	840
ADSC82	.250	.257 - .261	F	.020 - .125	.410	.500	.099	900	1100
ADSC84	.250	.257 - .261	F	.126 - .250	.500	.500	.099	900	1100
ADSC86	.250	.257 - .261	F	.251 - .375	.625	.500	.099	900	1100
ADSC88	.250	.257 - .261	F	.376 - .500	.800	.500	.099	900	1100
ADSC810	.250	.257 - .261	F	.501 - .625	.935	.500	.099	900	1100

\*Rivets meet the same dimensions as those published by the manufacturers of the Pop® brand. Pop® is a registered trademark of Emhart Teknologies Inc. and Black & Decker Co.

# Closed-End Aluminum Rivet/Steel Mandrel

<b>PART NUMBER COMPARISON - CLOSED-END ALUMINUM RIVET/STEEL MANDREL, <i>DOME</i></b>							
<b>Catalog Part Number</b>	<b>Huck/Auto-matic</b>	<b>Pop®</b>	<b>Marson/Creative</b>	<b>Star</b>	<b>Celus®</b>	<b>Cherry</b>	<b>Gesipa®</b>
ADSC41	-	AD41H	AB4-1CLD	-	-	-	-
ADSC42	-	AD42H	AB4-2CLD	-	A42D-CE	-	-
ADSC43	-	AD43H	AB4-3CLD	-	A43D-CE	-	-
ADSC44	-	AD44H	AB4-4CLD	-	A44D-CE	-	-
ADSC45	-	AD45H	AB4-5CLD	-	-	-	-
ADSC46	-	AD46H	-	-	A46D-CE	-	-
ADSC48	-	AD48H	-	-	-	-	-
ADSC52	-	AD52H	AB5-2CLD	-	-	-	-
ADSC53	-	AD53H	AB5-3CLD	-	-	-	-
ADSC54	-	-	-	-	A54D-CE	-	-
ADSC55	-	AD55H	AB5-5CLD	-	-	-	-
ADSC56	-	-	-	-	-	-	-
ADSC58	-	-	-	-	-	-	-
ADSC62	-	AD62H	AB6-2CLD	-	A62D-CE	-	-
ADSC63	-	-	-	-	-	-	-
ADSC64	-	AD64H	AB6-4CLD	-	-	-	-
ADSC66	-	AD66H	AB6-6CLD	-	A66D-CE	-	-
ADSC68	-	AD68H	AB6-8CLD	-	A68D-CE	-	-
ADSC610	-	-	A6-10CLD	-	-	-	-
ADSC612	-	-	-	-	-	-	-
ADSC82	-	-	-	-	-	-	-
ADSC84	-	AD84H	AB8-4CLD	-	A84D-CE	-	-
ADSC86	-	AD86H	AB8-6CLD	-	A86D-CE	-	-
ADSC88	-	-	-	-	-	-	-
ADSC810	-	-	-	-	-	-	-

<b>Description</b>	A steel blind fastener with a self-contained steel mandrel whose mandrel head is completely protected and secured within the closed end of the rivet. The head of the rivet body is slightly rounded and twice as wide as the body diameter.
<b>Applications/ Advantages</b>	Closed-end rivets are used where the adjoining back-plate cannot be accessed but must be kept weatherproof. The installed rivet forms a tight seal preventing seepage of liquid or gas through the fastener assembly. The dome head is the most popular style offered on closed end rivets. They are preferred in many electronics applications because there is no chance of the mandrel falling into the work area on the blind side. Closed-end rivets provide greater tensile and shear strength than similar-sized open end rivets. They should be used when fastening materials with mechanical and physical properties similar to aluminum.
<b>Material</b>	<i>Rivet Body: Aluminum Mandrel: Carbon steel</i>
<b>Shear Strength</b>	Rivets shall have ultimate shear loads not less than the minimum ultimate shear loads specified in the above table.
<b>Tensile Strength</b>	Rivets shall have ultimate tensile loads not less than the minimum ultimate tensile loads specified in the above table.