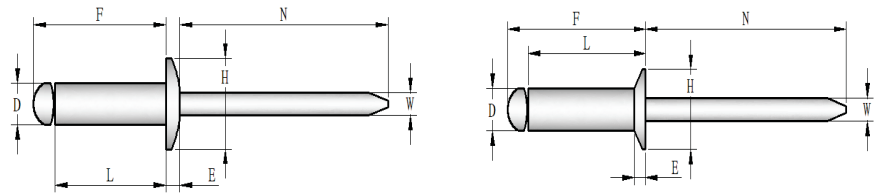


Open End Rivets



Aluminum

5052 Aluminum Body / Aluminum Mandrel

Domed Head

Nominal Body Diameter (D)	Part Number	Body Diameter (D)	Grip Range (Min) (Max)	Hole Size & Drill No.	Body Length MAX (L)	Overall Body Length MAX (F)	Minimum Mandrel Protrusion (N)	Mandrel Diameter (W)	Flange (head) Diameter (H)	Flange (head) Thickness (Ref)(E)	Typical Shear min Lbs.	Typical Tensile min Lbs.
3/32	ADA-03-02	0.094	0.031 - 0.125	.097 - .100 #41	0.225	0.325	1.00	0.057	0.188 ±0.010	0.028	70	80
	ADA-03-04	0.094	0.126 - 0.250	.097 - .100 #41	0.335	0.435	1.00	0.057	0.188 ±0.010	0.028	70	80
	ADA-03-06	0.094	0.251 - 0.375	.097 - .100 #41	0.475	0.575	1.00	0.057	0.188 ±0.010	0.028	70	80
1/8	ADA-04-01	0.125	0.031 - 0.062	.129 - .133 #30	0.188	0.308	1.00	0.076	0.250 ±0.012	0.036	120	150
	ADA-04-02	0.125	0.063 - 0.125	.129 - .133 #30	0.250	0.370	1.00	0.076	0.250 ±0.012	0.036	120	150
	ADA-04-03	0.125	0.126 - 0.187	.129 - .133 #30	0.313	0.433	1.00	0.076	0.250 ±0.012	0.036	120	150
	ADA-04-04	0.125	0.188 - 0.250	.129 - .133 #30	0.375	0.495	1.00	0.076	0.250 ±0.012	0.036	120	150
	ADA-04-05	0.125	0.251 - 0.312	.129 - .133 #30	0.438	0.558	1.00	0.076	0.250 ±0.012	0.036	120	150
	ADA-04-06	0.125	0.313 - 0.375	.129 - .133 #30	0.500	0.620	1.00	0.076	0.250 ±0.012	0.036	120	150
	ADA-04-08	0.125	0.376 - 0.500	.129 - .133 #30	0.625	0.745	1.00	0.076	0.250 ±0.012	0.036	120	150
5/32	ADA-05-02	0.156	0.020 - 0.125	.160 - .164 #20	0.275	0.415	1.06	0.095	0.312 ±0.016	0.043	190	230
	ADA-05-03	0.156	0.126 - 0.187	.160 - .164 #20	0.338	0.478	1.06	0.095	0.312 ±0.016	0.043	190	230
	ADA-05-04	0.156	0.188 - 0.250	.160 - .164 #20	0.400	0.540	1.06	0.095	0.312 ±0.016	0.043	190	230
	ADA-05-06	0.156	0.251 - 0.375	.160 - .164 #20	0.525	0.665	1.06	0.095	0.312 ±0.016	0.043	190	230
	ADA-05-08	0.156	0.376 - 0.500	.160 - .164 #20	0.650	0.790	1.06	0.095	0.312 ±0.016	0.043	190	230
	ADA-05-12	0.156	0.626 - 0.750	.160 - .164 #20	0.925	1.065	1.06	0.095	0.312 ±0.016	0.043	190	230
3/16	ADA-06-02	0.188	0.020 - 0.125	.192 - .196 #11	0.300	0.460	1.06	0.114	0.375 ±0.019	0.053	260	320
	ADA-06-04	0.188	0.188 - 0.250	.192 - .196 #11	0.425	0.585	1.06	0.114	0.375 ±0.019	0.053	260	320
	ADA-06-06	0.188	0.251 - 0.375	.192 - .196 #11	0.550	0.710	1.06	0.114	0.375 ±0.019	0.053	260	320
	ADA-06-08	0.188	0.376 - 0.500	.192 - .196 #11	0.675	0.835	1.06	0.114	0.375 ±0.019	0.053	260	320
	ADA-06-10	0.188	0.501 - 0.625	.192 - .196 #11	0.800	0.960	1.06	0.114	0.375 ±0.019	0.053	260	320
	ADA-06-12	0.188	0.626 - 0.750	.192 - .196 #11	0.925	1.085	1.06	0.114	0.375 ±0.019	0.053	260	320
	ADA-06-14	0.188	0.751 - 0.875	.192 - .196 #11	1.050	1.210	1.06	0.114	0.375 ±0.019	0.053	260	320
1/4	ADA-08-04	0.250	0.126 - 0.250	.257 - .261 F	0.475	0.655	1.25	0.151	0.500 ±0.025	0.069	460	560
	ADA-08-06	0.250	0.251 - 0.375	.257 - .261 F	0.600	0.780	1.25	0.151	0.500 ±0.025	0.069	460	560
	ADA-08-08	0.250	0.376 - 0.500	.257 - .261 F	0.725	0.905	1.25	0.151	0.500 ±0.025	0.069	460	560
	ADA-08-10	0.250	0.501 - 0.625	.257 - .261 F	0.850	1.030	1.25	0.151	0.500 ±0.025	0.069	460	560
	ADA-08-12	0.250	0.626 - 0.750	.257 - .261 F	0.975	1.155	1.25	0.151	0.500 ±0.025	0.069	460	560
	ADA-08-14	0.250	0.751 - 0.875	.257 - .261 F	1.100	1.280	1.25	0.151	0.500 ±0.025	0.069	460	560
ADA-08-16	0.250	0.876 - 1.000	.257 - .261 F	1.225	1.405	1.25	0.151	0.500 ±0.025	0.069	460	560	

Large Flange Head

1/8	ADALF-04-02	0.125	0.063 - 0.125	.129 - .133 #30	0.250	0.370	1.00	0.076	0.375 ±0.015	0.065	120	150
	ADALF-04-04	0.125	0.188 - 0.250	.129 - .133 #30	0.375	0.495	1.00	0.076	0.375 ±0.015	0.065	120	150
	ADALF-04-06	0.125	0.313 - 0.375	.129 - .133 #30	0.500	0.620	1.00	0.076	0.375 ±0.015	0.065	120	150
	ADALF-04-08	0.125	0.376 - 0.500	.129 - .133 #30	0.625	0.745	1.00	0.076	0.375 ±0.015	0.065	120	150
5/32	ADALF-05-04	0.156	0.188 - 0.250	.160 - .164 #20	0.400	0.540	1.06	0.095	0.468 ±0.020	0.075	190	230
	ADALF-05-06	0.156	0.251 - 0.375	.160 - .164 #20	0.525	0.665	1.06	0.095	0.468 ±0.020	0.075	190	230
	ADALF-05-08	0.156	0.376 - 0.500	.160 - .164 #20	0.650	0.790	1.06	0.095	0.468 ±0.020	0.075	190	230
3/16	ADALF-06-04	0.188	0.188 - 0.250	.192 - .196 #11	0.425	0.585	1.06	0.114	0.625 ±0.025	0.092	260	320
	ADALF-06-06	0.188	0.251 - 0.375	.192 - .196 #11	0.550	0.710	1.06	0.114	0.625 ±0.025	0.092	260	320
	ADALF-06-08	0.188	0.376 - 0.500	.192 - .196 #11	0.675	0.835	1.06	0.114	0.625 ±0.025	0.092	260	320
	ADALF-06-10	0.188	0.501 - 0.625	.192 - .196 #11	0.800	0.960	1.06	0.114	0.625 ±0.025	0.092	260	320
ADALF-06-12	0.188	0.626 - 0.750	.192 - .196 #11	0.925	1.085	1.06	0.114	0.625 ±0.025	0.092	260	320	

Countersunk Head (120°)

1/8	AKA-04-02	0.125	0.092 - 0.125	.129 - .133 #30	0.250	0.370	1.00	0.076	0.220 ±0.013	0.051	120	150
	AKA-04-03	0.125	0.126 - 0.187	.129 - .133 #30	0.313	0.433	1.00	0.076	0.220 ±0.013	0.051	120	150
	AKA-04-04	0.125	0.188 - 0.250	.129 - .133 #30	0.375	0.495	1.00	0.076	0.220 ±0.013	0.051	120	150
5/32	AKA-05-04	0.156	0.188 - 0.250	.160 - .164 #20	0.400	0.540	1.06	0.095	0.281 ±0.015	0.063	190	230
3/16	AKA-06-04	0.188	0.188 - 0.250	.192 - .196 #11	0.425	0.585	1.06	0.114	0.348 ±0.015	0.071	260	320