



ALUMINUM BODY/ALUMINUM MANDREL DOME HEAD BLIND RIVETS												
Nominal Rivet Diameter	D		H		E	W	P	F	Ultimate Shear Load	Ultimate Tensile Load	Mandrel Break Load	
	Rivet Shank Diameter		Head Diameter		Head Height	Mandrel Diameter	Mandrel Protrusion	Blind Side Protrusion			Min, lb.	Min, lb.
	Max	Min	Max	Min	Max	Nom	Min	Max				
1/8	0.128	0.122	0.262	0.238	0.040	0.076	1.00	L + 0.120	120	150	400	250
5/32	0.159	0.153	0.328	0.296	0.050	0.095	1.06	L + 0.140	190	230	600	425
3/16	0.191	0.183	0.394	0.356	0.060	0.114	1.06	L + 0.160	260	320	825	625
1/4	0.255	0.246	0.525	0.475	0.080	0.151	1.25	L + 0.180	460	560	1400	1100

### APPLICATION DATA FOR BLIND RIVETS

Rivet Number	Grip Range	Barrel Length	Recommended Hole Size		Drill Size			
			Max	Min				
31	.020-.062	.187	0.100	0.097	#41			
32	.020-.125	.250						
33	.087-.187	.312						
34	.126-.250	.375						
41	.020-.062	.212	0.133	0.129	#30			
42	.063-.125	.275						
43	.126-.187	.337						
44	.188-.250	.400						
45	.251-.312	.462						
46	.313-.375	.525						
48	.376-.500	.650						
52	.020-.125	.300				0.164	0.160	#20
53	.125-.187	.362						
54	.188-.250	.425						
56	.251-.375	.550						
58	.376-.500	.675						
510	.501-.625	.800						
512	.626-.750	.925						
516	.876-1.000	1.175						
62	.020-.125	.325	0.196	0.192	#11			
64	.188-.250	.450						
66	.251-.375	.575						
68	.376-.500	.700						
610	.510-.625	.825						
612	.626-.750	.950						
614	.751-.875	1.075						
616	.876-1.000	1.200						
618	1.001-1.125	1.325						
620	1.126-1.250	1.450						
622	1.251-1.375	1.575						
84	.126-.250	.500				0.261	0.257	F
86	.251-.375	.625						
88	.376-.500	.750						
810	.501-.625	.875						
812	.626-.750	.990						
816	.751-1.000	1.240						