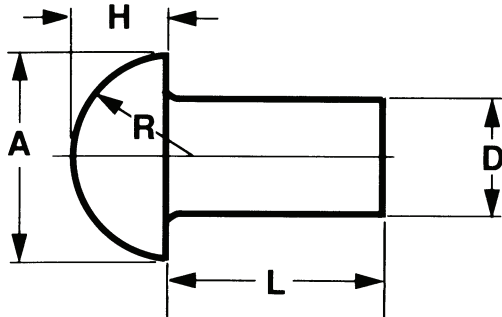




SOLID SMALL RIVETS UNDER 7/16" INCH DIAMETER

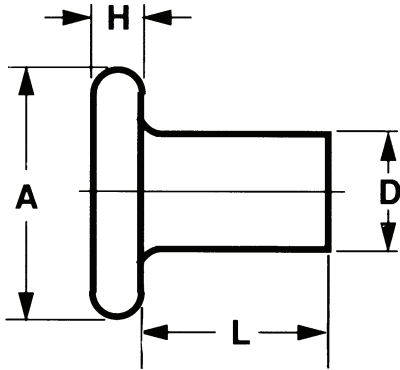
ROUND HEAD RIVETS



Nominal Size or Basic Shank Diameter	D		A		H		R	
	Shank Diameter		Head Diameter		Head Height		Head Radius	
	Max	Min	Max	Min	Max	Min	Approx	
1/16	0.062	0.064	0.059	0.122	0.102	0.052	0.042	0.055
3/32	0.094	0.096	0.090	0.182	0.162	0.077	0.065	0.084
1/8	0.125	0.127	0.121	0.235	0.215	0.100	0.088	0.111
5/32	0.156	0.158	0.152	0.290	0.268	0.124	0.110	0.138
3/16	0.188	0.191	0.182	0.348	0.322	0.147	0.133	0.166
7/32	0.219	0.222	0.213	0.405	0.379	0.172	0.158	0.195
1/4	0.250	0.253	0.244	0.460	0.430	0.196	0.180	0.221
9/32	0.281	0.285	0.273	0.518	0.484	0.220	0.202	0.249
5/16	0.312	0.316	0.304	0.572	0.538	0.243	0.225	0.276
11/32	0.344	0.348	0.336	0.630	0.592	0.267	0.247	0.304
3/8	0.375	0.380	0.365	0.684	0.646	0.291	0.271	0.332
13/32	0.406	0.411	0.396	0.743	0.699	0.316	0.294	0.358
7/16	0.438	0.443	0.428	0.798	0.754	0.339	0.317	0.387

Notes: 1. Approximate proportions: $A = 1.750 \times D$
 $H = 0.750 \times D$
 $R = 0.885 \times D$
 2. Length tolerance for rivets shall be plus or minus 0.016 in.

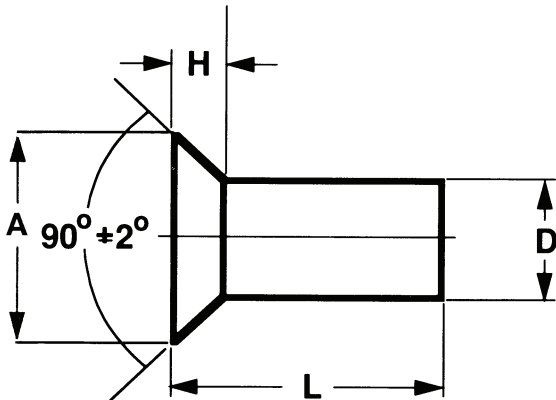
FLAT HEAD RIVETS



Nominal Size or Basic Shank Diameter	D		A		H		
	Shank Diameter		Head Diameter		Head Height		
	Max	Min	Max	Min	Max	Min	
1/16	0.062	0.064	0.059	0.140	0.120	0.027	0.017
3/32	0.094	0.096	0.090	0.200	0.180	0.038	0.026
1/8	0.125	0.127	0.121	0.260	0.240	0.048	0.036
5/32	0.156	0.158	0.152	0.323	0.301	0.059	0.045
3/16	0.188	0.191	0.182	0.387	0.361	0.069	0.055
7/32	0.219	0.222	0.213	0.453	0.427	0.080	0.065
1/4	0.250	0.253	0.244	0.515	0.485	0.091	0.075
9/32	0.281	0.285	0.273	0.579	0.545	0.103	0.085
5/16	0.312	0.316	0.304	0.641	0.607	0.113	0.095
11/32	0.344	0.348	0.336	0.705	0.667	0.124	0.104
3/8	0.375	0.380	0.365	0.769	0.731	0.135	0.115
13/32	0.406	0.411	0.396	0.834	0.790	0.146	0.124
7/16	0.438	0.443	0.428	0.896	0.852	0.157	0.135

Notes: 1. Approximate proportions: $A = 2.00 \times D$
 $H = 0.33 \times D$
 2. Length tolerance for rivets shall be plus or minus 0.016 in.

COUNTERSUNK HEAD RIVETS



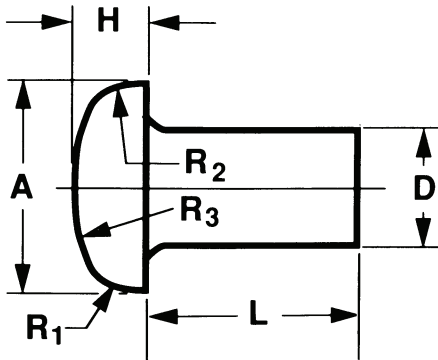
Nominal Size or Basic Shank Diameter	D		A		H	
	Shank Diameter		Head Diameter		Head Height	
	Max	Min	Max	Min	Ref	
1/16	0.062	0.064	0.059	0.118	0.110	0.027
3/32	0.094	0.096	0.090	0.176	0.163	0.040
1/8	0.125	0.127	0.121	0.235	0.217	0.053
5/32	0.156	0.158	0.152	0.293	0.272	0.066
3/16	0.188	0.191	0.182	0.351	0.326	0.079
7/32	0.219	0.222	0.213	0.413	0.384	0.094
1/4	0.250	0.253	0.244	0.469	0.437	0.106
9/32	0.281	0.285	0.273	0.528	0.491	0.119
5/16	0.312	0.316	0.304	0.588	0.547	0.133
11/32	0.344	0.348	0.336	0.646	0.602	0.146
3/8	0.375	0.380	0.365	0.704	0.656	0.159
13/32	0.406	0.411	0.396	0.763	0.710	0.172
7/16	0.438	0.443	0.428	0.823	0.765	0.186
See Notes				1		2

Notes: 1. Calculated on basic diameter of rivet and 90 deg included angle extended to a sharp corner.
 2. Head height (H) is given for reference purposes only. Variations in this dimension are controlled by the diameters (A) and (D) and the included angle of the head.
 3. Approximate proportions: $A = 1.850 \times D$
 $H = 0.425 \times D$
 4. Length tolerance for rivets shall be plus or minus 0.016 in.



SOLID SMALL RIVETS UNDER 7/16" INCH DIAMETER

PAN HEAD RIVETS

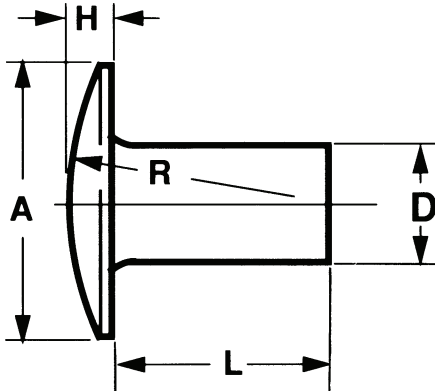


Nominal Size or Basic Shank Diameter	D		A		H		R ₁	R ₂	R ₃	
	Shank Diameter		Head Diameter		Head Height		Head Radius			
	Max	Min	Max	Min	Max	Min	Approx			
1/16	0.062	0.064	0.059	0.118	0.098	0.040	0.030	0.019	0.052	0.217
3/32	0.094	0.096	0.090	0.173	0.153	0.060	0.048	0.030	0.080	0.326
1/8	0.125	0.127	0.121	0.225	0.205	0.078	0.066	0.039	0.106	0.429
5/32	0.156	0.158	0.152	0.279	0.257	0.096	0.082	0.049	0.133	0.535
3/16	0.188	0.191	0.182	0.334	0.308	0.114	0.100	0.059	0.159	0.641
7/32	0.219	0.222	0.213	0.391	0.365	0.133	0.119	0.069	0.186	0.754
1/4	0.250	0.253	0.244	0.444	0.414	0.151	0.135	0.079	0.213	0.858
9/32	0.281	0.285	0.273	0.499	0.465	0.170	0.152	0.088	0.239	0.963
5/16	0.312	0.316	0.304	0.552	0.518	0.187	0.169	0.098	0.266	1.070
11/32	0.344	0.348	0.336	0.608	0.570	0.206	0.186	0.108	0.292	1.176
3/8	0.375	0.380	0.365	0.663	0.625	0.225	0.205	0.118	0.319	1.286
13/32	0.406	0.411	0.396	0.719	0.675	0.243	0.221	0.127	0.345	1.392
7/16	0.438	0.443	0.428	0.772	0.728	0.261	0.239	0.137	0.372	1.500

Notes: 1. Approximate proportions: $A = 1.750 \times D$
 $H = 0.570 \times D$
 $R_1 = 0.314 \times D$
 $R_2 = 0.850 \times D$
 $R_3 = 3.430 \times D$

2. Length tolerance for rivets shall be plus or minus 0.016 in.

TRUSS HEAD RIVETS



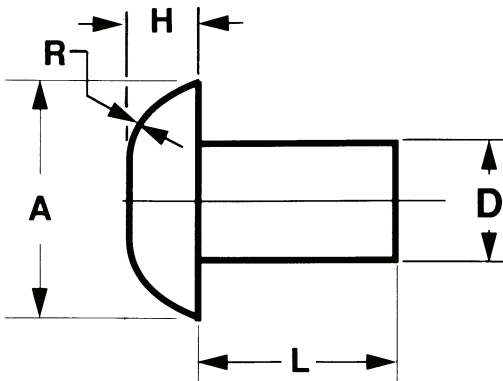
Nominal Size or Basic Shank Diameter	D		A		H		R	
	Shank Diameter		Head Diameter		Head Height		Head Radius	
	Max	Min	Max	Min	Max	Min	Approx	
3/32	0.094	0.096	0.090	0.226	0.206	0.038	0.026	0.239
1/8	0.125	0.127	0.121	0.297	0.277	0.048	0.036	0.314
5/32	0.156	0.158	0.152	0.368	0.348	0.059	0.045	0.392
3/16	0.188	0.191	0.182	0.442	0.422	0.069	0.055	0.470
7/32	0.219	0.222	0.213	0.515	0.495	0.080	0.066	0.555
1/4	0.250	0.253	0.244	0.590	0.560	0.091	0.075	0.628
9/32	0.281	0.285	0.273	0.661	0.631	0.103	0.085	0.706
5/16	0.312	0.316	0.304	0.732	0.702	0.113	0.095	0.784
11/32	0.344	0.348	0.336	0.806	0.776	0.124	0.104	0.862
3/8	0.375	0.380	0.365	0.878	0.848	0.135	0.115	0.942
13/32	0.406	0.411	0.396	0.949	0.919	0.145	0.123	1.028
7/16	0.438	0.443	0.428	1.020	0.990	0.157	0.135	1.098

Notes: 1. This rivet was previously designated as a wagon box rivet in addition to the present truss head designation.

2. Approximate proportions: $A = 2.300 \times D$
 $H = 0.330 \times D$
 $R = 2.512 \times D$

3. Length tolerance for rivets shall be plus or minus 0.016 in.

UNIVERSAL HEAD RIVETS



Nominal Size or Basic Shank Diameter	D		A		H		R	
	Shank Diameter		Head Diameter		Head Height		Head Radius	
	Max	Min	Max	Min	Max	Min	Approx	
1/16	.062	0.064	0.059	0.135	0.115	0.037	0.027	0.054
3/32	.093	0.096	0.090	0.197	0.177	0.051	0.039	0.082
1/8	.125	0.127	0.121	0.260	0.240	0.065	0.053	0.108
5/32	.156	0.158	0.152	0.323	0.301	0.079	0.065	0.135
3/16	.187	0.191	0.182	0.387	0.361	0.092	0.078	0.164
1/4	.250	0.253	0.244	0.515	0.485	0.120	0.104	0.217
5/16	.312	0.316	0.304	0.641	0.607	0.147	0.129	0.272
3/8	.375	0.380	0.365	0.769	0.731	0.176	0.156	0.328

Notes: 1. Approximate proportions: $A = 2.00 \times D$
 $H = 0.465 \times D$
 $R = 0.872 \times D$

2. Length tolerance for rivets shall be plus or minus 0.016 in.