

SECTION 1: COLD HEADED RIVETS

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1.800.258.2579



Rivet Selection How to use this Catalogue

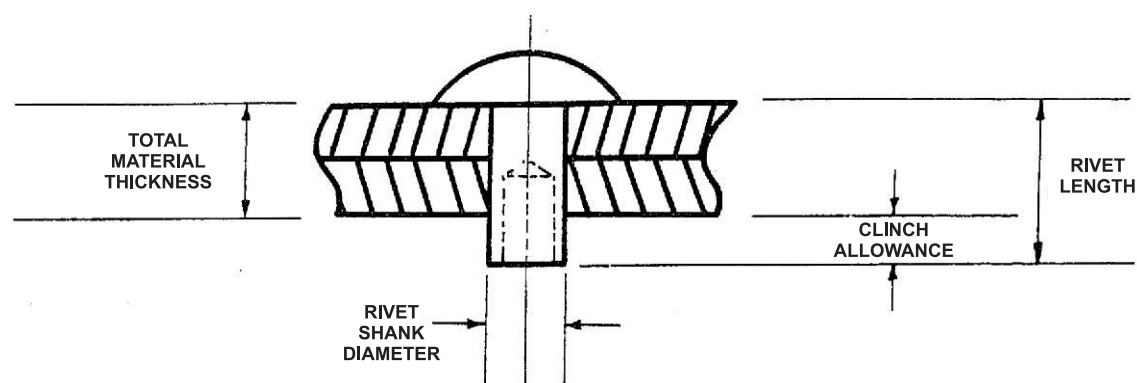
The following points should be considered when determining the rivet needed for your application:

RIVET TYPE. See page 2.

RIVET MATERIAL & FINISH. To provide the desired strength, appearance and resistance to corrosion.

RIVET PART NO. This can be determined by referring to the data table for the particular rivet type chosen.

RIVET LENGTH. Rivet lengths are measured from under the head to the end of the shank. This rule does not apply, however to counter-sunk head rivets which are generally measured from the top of the head to the end of the shank. The length of rivet needed for a given application is usually determined by adding together the total material thickness and the clinch allowance for that particular diameter rivet. This figure may then be adjusted slightly to correspond to a normal length for the given shank diameter as set out below:



RIVET LENGTH = MATERIAL THICKNESS + CLINCH ALLOWANCE
(CLINCH ALLOWANCES are given in the rivet data tables)

DIAMETER OF RIVET SHANK	RIVET TYPE AND NORMAL	LENGTH INCREMENTS	
	SEMI-TUBULAR	TUBULAR	SPLIT
UP TO 1/16"	1/64"	1/64"	1/16"
3/32" TO 5/32"	1/32"	1/16"	1/16"
3/16" TO 1/4"	1/16"	1/16"	1/16"
5/16"	1/8"	1/8"	—

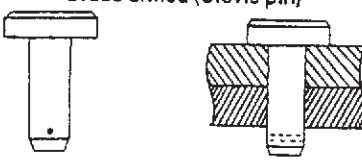
EXAMPLE: You have decided to use a semi tubular rivet with a shank diameter of 3/16". The total material thickness is .440". By adding the clinch allowance of .110" to this you get .550". Therefore the rivet length to the nearest fraction is 9/16" (.562").

The clinch allowances given in the data tables should be used as a guide only as certain assembly materials

and other factors can often cause variations. Ultimately the chosen rivet should be riveted into a test assembly before a final decision is made.

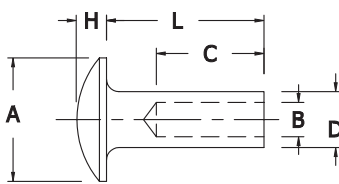
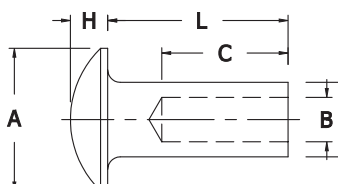
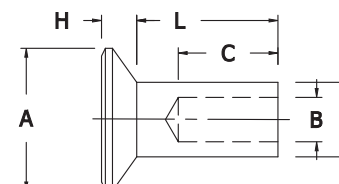
Samples may be requested for evaluation. The rivet may then be ordered specifying part number, rivet length and finish.

EXAMPLE: RV924 x 9/16" zinc plated and waxed.

TYPE	GENERAL USE
Semi Tubular 	To permanently fasten assemblies of metal, wood, plastic, ceramic, leather or composition materials with pre-punched or pre-drilled holes. Provides high strength & low unit cost. Fast easy clinching on high speed, automatic feed riveting machines provides high productivity using unskilled labour for a low installed cost.
Tubular (Deep-hole) 	To permanently fasten two or more pieces of relatively soft materials such as leather, cardboard, canvas, rubber, plastics or other similar materials with the rivet normally punching its own hole. Eliminates the cost of pre-punching or pre-drilling holes, which together with low unit cost and fast easy clinching on high speed automatic feed riveting machines, means high productivity and lowest total cost.
Solid 	To permanently fasten two or more pieces of metal with pre-punched or pre-drilled holes. Worked end of rivet may be spun to produce a finished appearance matching the head of the rivet.
Metal Piercing 	To join two or more sections of a sheet metal assembly permanently & without pre-punching or pre-drilling holes. Eliminates the cost of pre-punching or pre-drilling holes & reduces material handling. Low unit cost & applied by high speed automatic feed riveting machines to further reduce assembly time & cost. Setting can provide a leak proof seal.
Cross drilled (Clevis pin) 	To act as a hinge pin or a semi-permanent fastener where the strength of a permanent fastener is required. Generally secured with a cotter pin.
Collar rivets 	To act as a guide peg or anchor stud for a pivoting assembly. May be supplied completely solid or semi-tubular as shown.

R&R Standard Tubular (deep Hole) Rivets

SECTION 1

											
DWG.3 OVAL HEAD				DWG.4 TRUSS HEAD				DWG.5 FLAT COUNTERSUNK HEAD			
NOMINAL SHANK Ø	NOMINAL HEAD Ø	DWG No.	REC. HOLE Ø IN ASSEMBLY ●	MIN. CLINCH ALLOWANCE ■	SHANK Ø 'D'	HEAD Ø 'A'	HEAD THICKNESS 'H'	HOLE Ø 'B'	HOLE DEPTH 'C' ★	RIVET NUMBERS FOR STEEL RIVETS ▲	
1/8	7/32	3	0.128	0.062	0.118 0.123	0.213 0.223	0.030 0.038	0.091 0.105	0.140	RV900	
1/8	7/32	3	0.128	0.062	0.118 0.123	0.213 0.223	0.030 0.038	0.091 0.105	0.250	RV625	
9/64	1/4	3	0.152	0.125	0.141 0.146	0.240 0.250	0.035 0.045	0.095 0.098	0.375 MAX.	RV857	
9/64	9/32	4	0.152	0.125	0.141 0.146	0.276 0.286	0.050 0.060	0.095 0.098	0.355 0.395	RV609	
9/64	5/16	4	0.152	0.125	0.141 0.146	0.306 0.318	0.035 0.045	0.100 0.107	0.312	RV601	
9/64	5/16	5	0.152	0.125	0.141 0.146	0.307 0.317	0.042 0.052	0.100 0.107	0.187 MIN.	RV440	
9/64	3/8	4	0.152	0.125	0.141 0.146	0.369 0.381	0.060 0.072	0.100 0.107	0.375 MAX.	RV614	
9/64	7/16	4	0.152	0.125	0.141 0.146	0.430 0.444	0.061 0.075	0.100 0.107	0.312	RV617	
9/64	1/2	4	0.152	0.125	0.141 0.146	0.485 0.505	0.071 0.085	0.100 0.107	0.375 MAX.	RV615	
5/32	5/16	4	0.165	0.093	0.151 0.156	0.306 0.318	0.035 0.045	0.107 0.114	0.312	RV501	
5/32	3/8	4	0.165	0.093	0.151 0.156	0.369 0.381	0.060 0.072	0.107 0.114	0.375 MAX.	RV514	
3/16	3/8	4	0.196	0.110	0.182 0.188	0.369 0.381	0.062 0.070	0.134 0.141	0.200	RV642	
▲ FOR RIVET MATERIAL OTHER THAN STEEL SUBSTITUTE THE FOLLOWING PREFIXES : RA- Aluminium RB- Brass RC- Copper RS- Stainless Steel ★ HOLE DEPTH MAY BE LESS FOR SHORTEST LENGTHS ● WHEN NOT SELF PUNCHING ■ TUBULAR (DEEP HOLE) RIVETS ARE NORMALLY STAR CLINCHED WITH THESE CLINCH ALLOWANCES. FOR ROLL CLINCH FOR 9/64" DIA. USE .093" ; 3/16 USE .110" PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING											

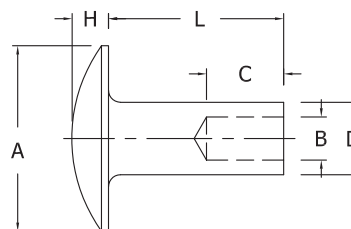
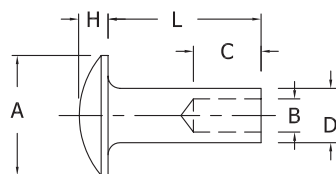
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1-3



Standard Semi- Tubular Rivets

SECTION 1



DWG.1 OVAL HEAD STRAIGHT HOLE DWG.2 TRUSS HEAD STRAIGHT HOLE

DIMENSION "L" DETERMINED BY APPLICATION

NOMINAL SHANK Ø	NOMINAL HEAD Ø	DWG No.	REC. HOLE Ø IN ASSEMBLY	MIN. CLINCH ALLOWANCE ■	SHANK Ø 'D'	HEAD Ø 'A'	HEAD THICKNESS 'H'	HOLE Ø 'B'	HOLE DEPTH 'C' ★	RIVET NUMBERS FOR STEEL RIVETS ▲
1/16	7/64	1	0.067	0.032	0.058 0.061	0.104 0.114	0.015 0.019	0.039 0.044	0.046	RV941
1/16	1/18	2	0.067	0.032	0.058 0.061	0.120 0.130	0.015 0.019	0.039 0.044	0.046	RV942
3/32	5/32	1	0.093	0.045	0.085 0.089	0.142 0.152	0.020 0.026	0.062 0.068	0.064	RV981
3/32	3/16	2	0.093	0.045	0.085 0.089	0.182 0.192	0.020 0.026	0.062 0.068	0.064	RV986
3/32	0.147	1	0.093	0.045	0.075 0.079	0.142 0.152	0.020 0.026	0.051 0.057	0.072	RV907
7/64	3/16	1	0.104	0.055	0.095 0.099	0.182 0.192	0.026 0.032	0.070 0.076	0.078	RV909
7/64	3/16	1	0.115	0.062	0.106 0.110	0.182 0.192	0.026 0.032	0.074 0.080	0.085	RV908
1/8	3/16	1	0.128	0.062	0.118 0.123	0.182 0.192	0.026 0.032	0.084 0.090	0.093	RV983
1/8	7/32	1	0.128	0.062	0.118 0.123	0.213 0.223	0.030 0.038	0.084 0.090	0.093	RV982
1/8	7/32	1	0.128	0.062	0.118 0.123	0.213 0.223	0.030 0.038	0.084 0.090	0.125	RV901
1/8	1/4	2	0.128	0.062	0.118 0.123	0.240 0.250	0.035 0.045	0.084 0.090	0.093	RV984
1/8	9/32	2	0.128	0.062	0.118 0.123	0.276 0.286	0.030 0.038	0.084 0.090	0.093	RV647
1/8	9/32	2	0.128	0.062	0.118 0.123	0.276 0.286	0.030 0.038	0.084 0.090	0.125	RV607
1/8	5/16	2	0.128	0.062	0.118 0.123	0.306 0.318	0.035 0.045	0.084 0.090	0.093	RV895

★ HOLE DEPTH MAY BE LESS FOR SHORTEST LENGTHS

Tapered hole rivets in the above sizes will be quoted on request

▲ FOR RIVET MATERIAL OTHER THAN STEEL SUBSTITUTE THE FOLLOWING PREFIXES :

RA- Aluminium

RB- Brass

RC- Copper

RS- Stainless Steel

■ FOR NORMAL CLINCH

PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING



Standard Semi- Tubular Rivets

SECTION 1

NOMINAL SHANK Ø	NOMINAL HEAD Ø	DWG No.	REC. HOLE Ø IN ASSEMBLY	MIN. CLINCH ALLOWANCE ■	SHANK Ø 'D'	HEAD Ø 'A'	HEAD THICKNESS 'H'	HOLE Ø 'B'	HOLE DEPTH 'C' ★	RIVET NUMBERS FOR STEEL RIVETS ▲
9/64	15/64	1	0.152	0.093	0.141 0.146	0.229 0.239	0.035 0.045	0.100 0.107	0.125	RV952
9/64	1/4	1	0.153	0.093	0.141 0.146	0.240 0.250	0.035 0.045	0.100 0.107	0.125	RV827
9/64	9/32	2	0.152	0.093	0.141 0.146	0.276 0.288	0.035 0.045	0.100 0.107	0.125	RV619
9/64	5/16	2	0.152	0.093	0.141 0.146	0.306 0.318	0.035 0.045	0.100 0.107	0.125	RV622
9/64	3/8	2	0.152	0.093	0.141 0.146	0.369 0.381	0.060 0.072	0.100 0.107	0.125	RV654
5/32	15/64	1	0.165	0.093	0.151 0.156	0.229 0.239	0.035 0.045	0.107 0.114	0.125	RV517
5/32	1/4	1	0.165	0.093	0.151 0.156	0.240 0.250	0.035 0.045	0.100 0.107	0.125	RV527
5/32	5/16	2	0.165	0.093	0.151 0.156	0.306 0.318	0.035 0.045	0.107 0.114	0.125	RV522
3/16	5/16	1	0.196	0.110	0.182 0.188	0.306 0.318	0.055 0.065	0.134 0.141	0.156	RV629
3/16	3/8	2	0.196	0.110	0.182 0.188	0.369 0.381	0.062 0.070	0.134 0.141	0.156	RV924
7/32	3/8	1	0.234	0.140	0.212 0.217	0.369 0.381	0.070 0.080	0.155 0.163	0.187	RV737
7/32	7/16	2	0.234	0.140	0.212 0.217	0.430 0.444	0.061 0.075	0.155 0.163	0.187	RV717
1/4	5/16	1	0.266	0.156	0.244 0.250	0.306 0.318	0.055 0.065	0.186 0.190	0.218	RV651
1/4	3/8	1	0.266	0.156	0.244 0.250	0.369 0.381	0.061 0.075	0.186 0.190	0.218	RV635
1/4	7/16	1	0.266	0.156	0.244 0.250	0.430 0.444	0.061 0.075	0.186 0.190	0.218	RV613
1/4	1/2	2	0.266	0.156	0.244 0.250	0.493 0.507	0.071 0.085	0.186 0.190	0.218	RV636
1/4	3/4	2	0.266	0.156	0.244 0.250	0.740 0.760	0.115 0.132	0.186 0.190	0.218	RV675
5/16	9/16	2	0.328	0.187	0.302 0.310	0.554 0.570	0.086 0.100	0.211 0.219	0.243	RV539
5/16	5/8	2	0.328	0.187	0.302 0.310	0.615 0.635	0.086 0.100	0.211 0.219	0.243	RV535
3/8	5/8	2	0.390	0.218	0.368 0.377	0.615 0.635	0.120 0.130	0.277 0.284	0.250	RV339
3/8	3/4	2	0.390	0.218	0.368 0.377	0.740 0.760	0.120 0.130	0.277 0.284	0.250	RV335

★ HOLE DEPTH MAY BE LESS FOR SHORTEST LENGTHS

Tapered hole rivets in the above sizes will be quoted on request

▲ FOR RIVET MATERIAL OTHER THAN STEEL SUBSTITUTE THE FOLLOWING PREFIXES :

RA- Aluminium

RB- Brass

RC- Copper

RS- Stainless Steel

■ FOR NORMAL CLINCH

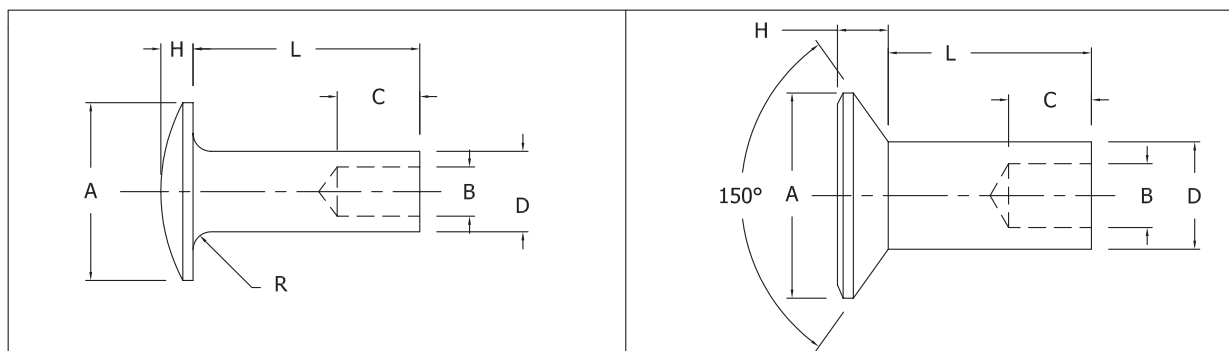
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1-5



Large Diameter Semi-Tubular Rivets (OVER 5/16")

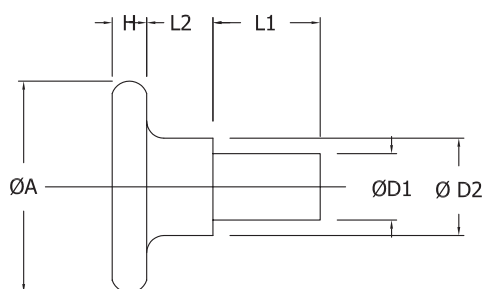
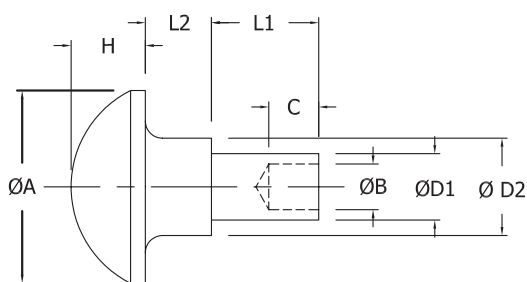


DWG.6 OVAL HEAD					DWG.7 COUNTERSUNK HEAD			
TYPE	HEAD	BODY Ø "D"	HEAD Ø "A"	HEAD THICKNESS "H"	STRAIGHT HOLE Ø "B"	STRAIGHT HOLE DEPTH "C"	SUGGESTED CLINCH ALLOWANCE	HOLE Ø IN ASSEMBLY
U-0	CSK OR OVAL	0.370 0.380	0.493 0.507	0.120 0.130	0.281	9/32"	0.219	0.390
U-1	CSK OR OVAL	0.370 0.380	0.740 0.760	0.120 0.130	0.281	9/32"	0.219	0.390
U-2	CSK OR OVAL	0.370 0.380	0.990 1.010	0.151 0.161	0.281	9/32"	0.219	0.390
V-1	CSK OR OVAL	0.432 0.435	0.740 0.760	0.120 0.130	AS REQUIRED		0.250	0.453
V-2	CSK OR OVAL	0.432 0.435	1.240 1.260	0.135 0.145	AS REQUIRED		0.250	0.453
W-1	CSK OR OVAL	0.495 0.500	0.740 0.760	0.135 0.145	AS REQUIRED		0.281	0.516
W-2	CSK OR OVAL	0.495 0.500	1.240 1.260	0.135 0.145	AS REQUIRED		0.281	0.516

NOTE:- Tapered hole rivets in the above sizes will be quoted on request. Flat head rivet supplied to the same basic dimensions.

Shoulder Rivets

There are no "standard" dimensions given for the shoulder rivets as these parts are normally made to order. Shown are two types most commonly used.



Quoted on request

PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING



Standard Brake & Clutch Rivets

DWG.8 FLAT COUNTERSUNK HEAD				DWG.9 FLAT COUNTERSUNK HEAD				DWG.10 UNDERCUT HEAD			
NOMINAL SHANK Ø	NOMINAL HEAD Ø	DWG No.	REC. HOLE Ø IN ASSEMBLY	MIN. CLINCH ALLOWANCE	SHANK Ø 'D'	HEAD Ø 'A'	HEAD THICKNESS 'H'	HOLE Ø 'B'	HOLE DEPTH 'C' *	RIVET NUMBER	
										BRASS PLAIN & WAX	STEEL BRASS PLTD. & WAX
1/8	15/64	8	0.128	0.062	0.118 0.123	0.235 0.250	0.030 MAX.	0.084 0.090	0.093	B2	S2
9/64	19/64	9	0.152	0.125	0.141 0.146	0.289 0.303	0.035 0.045	0.099 0.105	0.218	B3	S3
9/64	19/64	8	0.152	0.093	0.141 0.146	0.289 0.303	0.035 0.045	0.099 0.105	0.140	B4	S4
9/64	23/64	8	0.152	0.093	0.141 0.146	0.351 0.367	0.041 0.051	0.099 0.105	0.140	B5	S5
9/64	23/64	9	0.152	0.125	0.141 0.146	0.351 0.367	0.041 0.051	0.099 0.105	0.218	B16 ♦	S16 ♦
9/64	19/64	10	0.152	0.093	0.141 0.146	0.287 0.307	0.036 0.044	0.099 0.105	0.140	B22	S22
5/32	19/64	9	0.165	0.125	0.151 0.156	0.289 0.303	0.035 0.045	0.107 0.114	0.250	B21 ♦	S21 ♦
5/32	23/64	9	0.165	0.125	0.151 0.156	0.351 0.367	0.041 0.051	0.107 0.114	0.250	B11 ♦	S11 ♦
3/16	23/64	8	0.196	0.110	0.182 0.188	0.351 0.367	0.041 0.051	0.133 0.139	0.187	B7	S7
3/16	15/32	8	0.196	0.110	0.182 0.188	0.458 0.478	0.053 0.067	0.133 0.139	0.187	B8	S8
3/16	23/64	9	0.196	0.156	0.182 0.188	0.351 0.367	0.041 0.051	0.133 0.139	0.281	B17 ♦	S17 ♦
3/16	23/64	10	0.196	0.110	0.182 0.188	0.349 0.369	0.036 0.044	0.133 0.139	0.187	B24	S24
0.195 0.200	1/2	8	0.209	0.110	0.195 0.200	0.458 0.478	0.053 0.067	0.142 0.145	0.187	B20 ♦	S20 ♦
0.210	23/64	10	0.218	0.115	0.208 0.212	0.349 0.369	0.036 0.044	0.165 0.169	0.187	B23	S23
1/4	15/32	8	0.266	0.156	0.244 0.252	0.458 0.478	0.053 0.067	0.186 0.190	0.250	B10	S10

★ HOLE DEPTH MAY BE LESS FOR SHORTEST LENGTHS

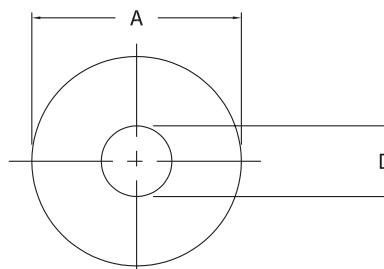
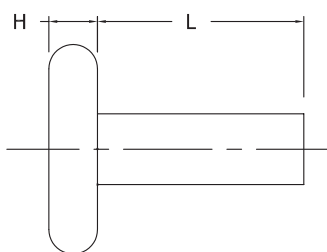
♦♦ HOLE DIAMETER FOR BRASS IS 0.128 - 0.132"

♦ THESE ITEMS NOT NORMALLY STOCKED. MADE TO ORDER

PLATED STEEL EYELETS ARE AVAILABLE IN SERIES 22, 23 & 24 SIZES

After having selected the style & dimensions of the rivet required, a suffix must be added to the part number to indicate the length of the rivet in 16th's of an inch e.g. A B24 rivet 5/16th of the inch long would be B24-5; an S22 rivet 9/32nd's of an inch long would be an S22-4.5

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DWG.20

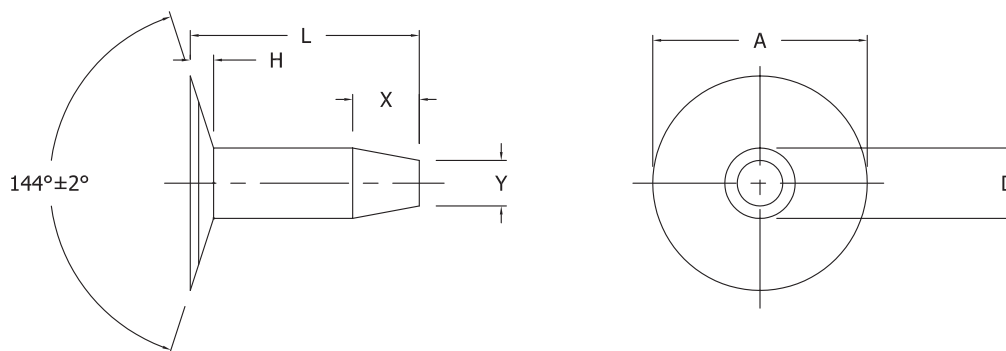
SIZE No.		DIAMETER OF BODY 'D'			DIAMETER OF HEAD 'A'		HEIGHT OF HEAD 'H'		LENGTH		
		NOMINAL	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	NOMINAL	MAX.	MIN.
6	oz	0.078	0.081	0.075	0.213	0.193	0.028	0.016	1/8	0.135	0.115
8	oz	0.088	0.091	0.085	0.225	0.205	0.036	0.024	5/32	0.166	0.146
10	oz	0.094	0.097	0.091	0.250	0.230	0.037	0.025	11/64	0.182	0.162
12	oz	0.104	0.107	0.101	0.265	0.245	0.037	0.025	3/16	0.198	0.178
14	oz	0.108	0.111	0.105	0.275	0.255	0.038	0.026	3/16	0.198	0.178
1	lb	0.110	0.113	0.107	0.285	0.265	0.040	0.028	13/64	0.213	0.193
1-1/4	lb	0.119	0.122	0.116	0.295	0.275	0.045	0.033	7/32	0.229	0.209
1-1/2	lb	0.129	0.132	0.126	0.316	0.294	0.046	0.034	15/64	0.244	0.224
1-3/4	lb	0.133	0.136	0.130	0.331	0.309	0.049	0.035	1/4	0.260	0.240
2	lb	0.143	0.146	0.140	0.341	0.319	0.050	0.036	17/64	0.276	0.256
2-1/2	lb	0.147	0.150	0.144	0.311	0.289	0.069	0.055	9/32	0.291	0.271
3	lb	0.159	0.163	0.154	0.329	0.303	0.073	0.059	5/16	0.323	0.303
3-1/2	lb	0.164	0.168	0.159	0.348	0.322	0.074	0.060	21/64	0.338	0.318
4	lb	0.175	0.179	0.170	0.368	0.342	0.076	0.062	11/32	0.354	0.334
5	lb	0.185	0.190	0.181	0.388	0.362	0.084	0.070	3/8	0.385	0.365
6	lb	0.202	0.206	0.197	0.419	0.393	0.090	0.076	25/64	0.401	0.381
7	lb	0.219	0.223	0.214	0.431	0.405	0.094	0.080	13/32	0.416	0.396
8	lb	0.223	0.227	0.218	0.475	0.445	0.101	0.085	7/16	0.448	0.428
9	lb	0.237	0.241	0.232	0.490	0.460	0.103	0.087	29/64	0.463	0.443
10	lb	0.237	0.241	0.232	0.505	0.475	0.104	0.088	15/32	0.479	0.459
12	lb	0.257	0.263	0.251	0.532	0.498	0.108	0.090	1/2	0.510	0.490
14	lb	0.282	0.288	0.276	0.577	0.543	0.113	0.095	33/64	0.525	0.505
16	lb	0.298	0.304	0.292	0.597	0.563	0.128	0.110	17/32	0.541	0.521
18	lb	0.341	0.347	0.335	0.706	0.668	0.156	0.136	19/32	0.603	0.583

All dimensions are given in inches.

* Size numbers refer to the approximate weight of 1,000 rivets.

Thinner rivets are normally made from mild steel. Other materials on request.

PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING



DWG.21

DIAMETER OF BODY 'D'			DIAMETER OF HEAD 'A'		HEIGHT OF HEAD 'H'		POINT	
							DIA. Y	LENGTH X
SIZE No. *	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	NOMINAL	NOMINAL
14	0.085	0.079	0.260	0.240	0.042	0.030	0.065	5/64
13	0.097	0.091	0.322	0.302	0.051	0.039	0.073	5/64
12	0.111	0.105	0.353	0.333	0.054	0.040	0.083	5/64
11	0.122	0.116	0.383	0.363	0.059	0.045	0.097	5/64
10	0.136	0.130	0.417	0.395	0.065	0.047	0.109	3/32
9	0.150	0.144	0.448	0.426	0.069	0.051	0.122	3/32
8	0.167	0.161	0.481	0.455	0.072	0.054	0.135	3/32
7	0.183	0.174	0.513	0.487	0.075	0.056	0.151	1/8
6	0.206	0.197	0.606	0.580	0.090	0.068	0.165	1/8
5	0.223	0.214	0.700	0.674	0.105	0.083	0.185	1/8
4	0.241	0.232	0.921	0.893	0.138	0.116	0.204	9/64

All dimensions are given in inches.

- * Size numbers refer to the Stubs iron wire gauge number of stock used in the body of the rivet. Length tolerance on rivets shall be plus 1/32inch & minus 0 inch.

BELT RIVETS ARE COMMONLY MADE FROM COPPER. PLEASE SPECIFY MATERIAL WHEN ORDERING

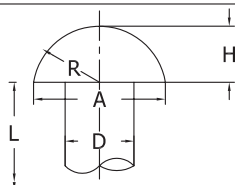
PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING

R&R Small Solid Rivets

SECTION 1

ROUND HEAD

$$\begin{aligned} A &= 1.75 \times D \\ H &= 0.75 \times D \\ R &= 0.885 \times D \end{aligned}$$

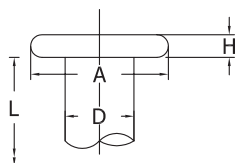


DWG.22

SHANK DIAMETER 'D'	DIAMETER OF HEAD 'A'	HEIGHT OF HEAD 'H'	RADIUS OF HEAD 'R'
0.060/0.065	0.102/0.122	0.042/0.052	0.055
0.090/0.096	0.162/0.182	0.065/0.077	0.084
0.121/0.127	0.215/0.235	0.088/0.100	0.111
0.152/0.158	0.268/0.290	0.110/0.124	0.138
0.182/0.191	0.322/0.348	0.133/0.147	0.166
0.213/0.222	0.379/0.405	0.158/0.172	0.195
0.244/0.253	0.430/0.460	0.180/0.196	0.221
0.273/0.285	0.484/0.518	0.202/0.220	0.249
0.305/0.317	0.538/0.572	0.225/0.243	0.276
0.336/0.348	0.592/0.630	0.247/0.267	0.304
0.365/0.380	0.646/0.684	0.271/0.291	0.332
0.428/0.443	0.754/0.798	0.317/0.339	0.387

FLAT HEAD

$$\begin{aligned} A &= 2.00 \times D \\ H &= 0.33 \times D \end{aligned}$$



DWG.23

SHANK DIAMETER 'D'	DIAMETER OF HEAD 'A'	HEIGHT OF HEAD 'H'
0.060/0.065	0.120/0.140	0.017/0.027
0.090/0.096	0.180/0.200	0.026/0.038
0.121/0.127	0.240/0.260	0.036/0.048
0.152/0.158	0.301/0.323	0.045/0.059
0.182/0.191	0.361/0.387	0.055/0.069
0.213/0.222	0.427/0.453	0.065/0.080
0.244/0.253	0.485/0.515	0.075/0.091
0.273/0.285	0.545/0.579	0.085/0.103
0.305/0.317	0.607/0.641	0.095/0.113
0.336/0.348	0.667/0.705	0.104/0.124
0.365/0.380	0.731/0.769	0.115/0.135
0.428/0.443	0.852/0.896	0.135/0.157

All rivets are available in mild steel, stainless steel, copper, brass & monel. Sizes & materials other than those listed on request. All dimensions given in inches proportions are approximate only.

PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING

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1-10

R&R Small Solid Rivets

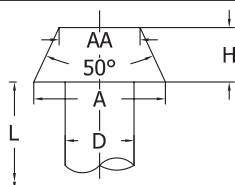
SECTION 1

CONE HEAD

$$A = 1.75 \times D$$

$$H = 0.875 \times D$$

$$B = 0.9375 \times D$$



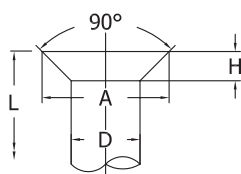
DWG.24

SHANK DIAMETER 'D'	DIAMETER OF HEAD 'A'	DIAMETER OF HEAD 'AA'	HEIGHT OF HEAD 'H'
0.090/0.096	0.156/0.176	0.079/0.099	0.077/0.089
0.121/0.127	0.209/0.229	0.107/0.127	0.103/0.115
0.152/0.158	0.262/0.284	0.135/0.157	0.130/0.144
0.182/0.191	0.314/0.340	0.162/0.188	0.157/0.171
0.213/0.222	0.372/0.389	0.193/0.219	0.186/0.200
0.244/0.253	0.423/0.453	0.219/0.249	0.211/0.227
0.273/0.285	0.475/0.509	0.246/0.280	0.237/0.255
0.305/0.317	0.529/0.563	0.276/0.310	0.264/0.282
0.336/0.348	0.581/0.619	0.303/0.341	0.290/0.310
0.365/0.380	0.637/0.675	0.333/0.371	0.318/0.338
0.428/0.443	0.743/0.787	0.388/0.432	0.371/0.393

COUNTERSUNK HEAD

$$A = 1.85 \times D$$

$$H = 0.425 \times D$$



DWG.25

SHANK DIAMETER 'D'	DIAMETER OF HEAD 'A'	HEIGHT OF HEAD 'H'
0.060/0.065	0.110/0.118	0.027
0.090/0.096	0.163/0.176	0.040
0.121/0.127	0.217/0.235	0.053
0.152/0.158	0.272/0.293	0.066
0.182/0.191	0.326/0.351	0.079
0.213/0.222	0.384/0.413	0.094
0.244/0.253	0.437/0.469	0.106
0.273/0.285	0.491/0.528	0.119
0.305/0.317	0.547/0.588	0.133
0.336/0.348	0.602/0.646	0.146
0.365/0.380	0.656/0.704	0.159
0.428/0.443	0.765/0.823	0.186

All rivets are available in mild steel, stainless steel, copper, brass & monel. Sizes & materials other than those listed on request. All dimensions given in inches proportions are approximate only.

PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING

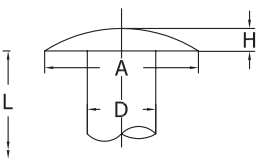
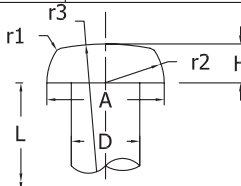
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1-11



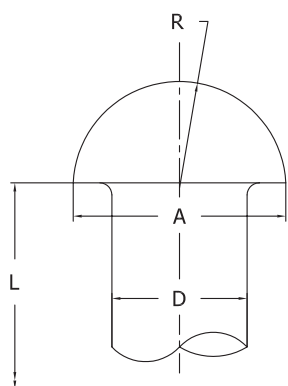
Small Solid Rivets

SECTION 1

TRUSS OR WAGON HEAD					
A= 2.25 x D H= 0.330 x D R= 2.512 x D				DWG.26	
SHANK DIAMETER 'D'	DIAMETER OF HEAD 'A'	HEIGHT OF HEAD 'H'	RADIUS OF HEAD 'R'		
0.090/0.096	0.206/0.226	0.026/0.038	0.239		
0.121/0.127	0.277/0.297	0.036/0.048	0.314		
0.152/0.158	0.348/0.368	0.045/0.059	0.392		
0.182/0.191	0.422/0.442	0.055/0.069	0.470		
0.213/0.222	0.495/0.515	0.066/0.080	0.555		
0.244/0.253	0.560/0.590	0.075/0.091	0.628		
0.273/0.285	0.631/0.661	0.085/0.103	0.706		
0.305/0.317	0.702/0.732	0.095/0.113	0.784		
0.336/0.348	0.776/0.806	0.104/0.124	0.862		
0.365/0.380	0.848/0.878	0.115/0.135	0.942		
0.428/0.443	0.990/1.020	0.135/0.157	1.098		
PAN HEAD					
A= 1.72 x D H= 0.57 x D r1= 0.314 x D r2= 0.85 x D r3= 3.43 x D				DWG.27	
SHANK DIAMETER 'D'	DIAMETER OF HEAD 'A'	HEIGHT OF HEAD 'H'	RADIUS 'r1'	RADIUS 'r2'	RADIUS 'r3'
0.090/0.096	0.153/0.173	0.048/0.060	0.030	0.080	0.326
0.121/0.127	0.205/0.225	0.066/0.078	0.039	0.106	0.429
0.152/0.158	0.257/0.279	0.082/0.096	0.049	0.133	0.535
0.182/0.191	0.308/0.334	0.100/0.114	0.059	0.159	0.641
0.213/0.222	0.365/0.391	0.119/0.133	0.069	0.186	0.754
0.244/0.253	0.414/0.444	0.135/0.151	0.079	0.213	0.858
0.273/0.285	0.465/0.499	0.152/0.170	0.088	0.239	0.963
0.305/0.317	0.518/0.552	0.169/0.187	0.098	0.266	1.070
0.336/0.348	0.570/0.608	0.186/0.206	0.108	0.292	1.175
0.365/0.380	0.625/0.663	0.205/0.225	0.118	0.319	1.286
0.428/0.443	0.728/0.772	0.239/0.261	1.137	0.372	1.500
All rivets are available in mild steel, stainless steel, copper, brass & monel. Sizes & materials other than those listed on request. All dimensions given in inches proportions are approximate only.					
PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING					

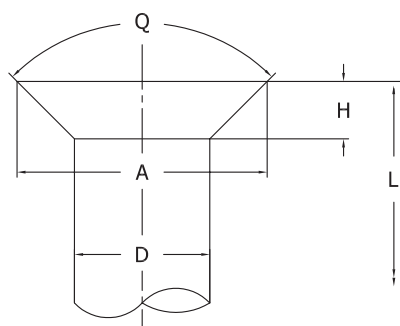
R&R Large Solid Rivets

SECTION 1



BUTTON HEAD
 $A = 1.75 \times D$
 $H = 0.75 \times D$
 $R = 0.885 \times D$

DWG.28



FLAT COUNTERSUNK HEAD
 $A = 1.81 \times D$
 $H = 0.50 \times D$
 $Q = 78^\circ$

DWG.29

BUTTON HEAD

DIAMETER OF BODY 'D'			DIAMETER OF HEAD 'A'			HEIGHT OF HEAD 'H'		RADIUS OF HEAD 'R'
NOMINAL	MAX.	MIN.	NOMINAL	MAX.	MIN.	MAX.	MIN.	
1/2 0.500	0.520	0.478	0.875	0.938	0.844	0.406	0.375	0.443
5/8 0.625	0.655	0.600	1.094	1.157	1.063	0.500	0.469	0.553
3/4 0.750	0.780	0.725	1.313	1.391	1.282	0.594	0.563	0.664
7/8 0.875	0.905	0.850	1.531	1.609	1.500	0.687	0.656	0.775
1 1.000	1.030	0.975	1.750	1.828	1.719	0.781	0.750	0.885

FLAT COUNTERSUNK HEAD

DIAMETER OF BODY 'D'			DIAMETER OF HEAD 'A'			DEPTH OF HEAD 'H'		RADIUS OF HEAD 'R'
NOMINAL	MAX.	MIN.	NOMINAL	MAX.	MIN.	MAX.	MIN.	
1/2 0.500	0.520	0.478	0.905	0.936	0.874	0.281	0.250	78°
5/8 0.625	0.655	0.600	1.131	1.194	1.068	0.344	0.313	78°
3/4 0.750	0.780	0.725	1.358	1.421	1.295	0.406	0.375	78°
7/8 0.875	0.905	0.850	1.584	1.647	1.521	0.469	0.438	78°
1 1.000	1.030	0.975	1.810	1.873	1.747	0.531	0.500	78°

PRODUCT SPECIFICATIONS IN THIS CATALOGUE ARE THOSE IN EFFECT AT THE TIME OF PUBLISHING

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Solid Rivet Weights (up to 7/16" Diameter)

Approximate weight of 1000 round or button heads solid steel rivets in pounds												
LENGTH OF SHANK IN INCHES	RIVET DIAMETER IN INCHES											
	7/16	3/8	11/32	5/16	9/32	1/4	No. 5	No. 6	3/16	5/32	1/8	3/32
	0.437	0.375	0.344	0.312	0.281	0.250	0.217	0.200	0.187	0.156	0.125	0.094
	POUNDS											
1/16											0.87	
1/8											1.09	0.54
3/16								4.51	3.66	2.29	1.31	0.66
1/4					11.85	8.71	6.24	5.08	4.14	2.62	1.52	0.78
5/16			21.78	17.01	12.93	9.57	6.90	5.64	4.62	2.96	1.74	0.90
3/8		29.39	23.39	18.35	14.02	10.43	7.56	6.21	5.10	3.29	1.96	1.02
7/16	46.68	31.32	25.00	19.69	15.11	11.29	8.22	6.77	5.58	3.63	2.18	1.14
1/2	49.31	33.25	26.62	21.03	16.20	12.14	8.89	7.34	6.07	3.95	2.40	1.26
9/16	51.94	35.18	28.23	22.37	17.28	13.00	9.53	7.90	6.55	4.30	2.61	1.39
5/8	54.57	37.12	29.85	23.72	18.37	13.86	10.21	8.47	7.03	4.63	2.83	1.51
11/16	57.20	39.05	31.46	25.06	19.46	14.72	10.88	9.03	7.51	4.97	3.05	1.63
3/4	59.84	40.98	33.08	26.40	20.55	15.58	11.55	9.59	7.99	5.30	3.27	1.75
13/16	62.46	42.91	34.69	27.75	21.63	16.43	12.21	10.16	8.47	5.64	3.49	1.87
7/8	65.09	44.85	36.31	29.09	22.72	17.29	12.87	10.72	8.95	5.97	3.70	1.99
15/16	67.73	46.78	37.92	30.43	23.81	18.15	13.53	11.29	9.43	6.31	3.92	2.11
1	70.36	48.71	39.54	31.78	24.90	19.01	14.20	11.85	9.91	6.64	4.14	2.23
1 1/16	72.99	50.64	41.15	33.12	25.98	19.87	14.86	12.41	10.39	6.98	4.36	2.35
1 1/8	75.62	52.57	42.77	34.46	27.07	20.73	15.52	12.98	10.87	7.31	4.58	2.47
1 3/16	78.25	54.50	44.38	35.81	28.16	21.59	16.19	13.54	11.35	7.65	4.79	2.59
1 1/4	80.88	56.44	46.00	37.15	29.25	22.45	16.86	14.11	11.83	7.98	5.01	2.71
1 5/16	83.51	58.37	47.61	38.50	30.33	23.31	17.52	14.67	12.31	8.32	5.23	2.84
1 3/8	86.14	60.30	49.23	39.84	31.42	24.17	18.18	15.25	12.79	8.65	5.45	2.96
1 7/16	88.77	62.24	50.84	41.18	32.51	25.03	18.84	15.80	13.28	8.99	5.67	3.08
1 1/2	91.41	64.17	52.46	42.53	33.60	25.88	19.51	16.37	13.76	9.32	5.89	3.20
1 9/16	94.04	66.10	54.07	43.87	34.68	26.74	20.17	16.93	14.24	9.66	6.10	3.32
1 5/8	96.67	68.03	55.69	45.21	35.77	27.60	20.83	17.50	14.72	9.99	6.32	3.44
1 11/16	99.30	69.97	57.30	46.55	36.86	28.46	21.50	18.06	15.20	10.33	6.54	3.56
1 3/4	101.94	71.90	58.92	47.90	37.95	29.32	22.17	18.62	15.68	10.66	6.76	3.66
1 13/16	104.57	73.83	60.53	49.24	39.03	30.18	22.83	19.19	16.16	11.00	6.98	3.80
1 7/8	107.20	75.77	62.15	50.58	40.12	31.04	23.49	19.75	16.64	11.33	7.19	3.92
1 15/16	109.83	77.70	63.76	51.92	41.21	31.90	24.16	20.32	17.12	11.67	7.41	4.04
2	112.46	79.63	65.38	53.27	42.30	32.75	24.82	20.88	17.60	12.00	7.63	4.16
2 1/8	117.72	83.49	68.61	55.95	44.47	34.46	26.15	22.01	18.56	12.67	8.07	4.40
2 1/4	122.99	87.36	71.84	58.64	46.65	36.18	27.48	23.14	19.52	13.34	8.50	4.65
2 3/8	128.25	91.22	75.07	61.33	48.82	37.90	28.80	24.27	20.48	14.01	8.94	4.88
2 1/2	133.51	95.09	78.30	64.02	51.00	39.62	30.13	25.40	21.45	14.68	9.38	5.13
2 5/8	138.77	98.95	81.53	66.70	53.17	41.33	31.46	26.53	22.41	15.35	9.81	5.36
2 3/4	144.04	102.82	84.76	69.39	55.35	43.05	32.79	27.65	23.37	16.02	10.25	5.61
2 7/8	149.30	106.68	87.99	72.07	57.52	44.77	34.11	28.78	24.33	16.69	10.68	5.85
3	154.56	110.55	91.22	74.76	59.70	46.49	35.44	29.91	25.29	17.36	11.12	6.09

Weight Difference Table

The table below shows the approximate number of pounds to be subtracted from the round head weights given above when calculating weights for any of the standard heads shown. The figures to a quantity of 1,000 rivets. (NOTE: In the case of brazier head, we are subtracting a minus amount, i.e adding the figure shown)

RIVET DIAMETER		FLAT	PAN	TRUSS OR WAGON BOX	COUNTERSUNK	BRAZIER	MODIFIED BRAZIER	UNIVERSAL
(Number of pounds lighter than round or Button Head Rivets)								
7/16	0.437	1.37	2.36	3.68	19.49			
13/32	0.406	1.09	1.88	2.94	15.59			
3/8	0.375	0.85	1.47	2.31	12.26			
11/32	0.344	0.65	1.13	1.77	9.42			
5/16	0.312	0.49	0.85	1.33	7.10			
9/32	0.281	0.35	0.62	0.97	5.16			
1/4	0.250	0.25	0.44	0.68	3.63	0.747	2.489	1.606
No. 5	0.217	0.16	0.28	0.45	2.47			
No. 6	0.200	0.13	0.23	0.36	1.94			
3/16	0.187	0.10	0.18	0.28	1.52	0.294	0.711	0.686
5/32	0.156	0.06	0.11	0.17	0.88	0.142	0.533	0.408
1/8	0.125	0.02	0.05	0.07	0.45	0.056	0.278	0.208
3/32	0.094	0.15	0.04	0.03	0.19	0.033	0.122	0.094

The above table refers to steel rivets only. The weights made from material other than steel may be approximated by using the following multipliers. 430 S.S ---- 1.000 BRASS ---- 1.082 MONEL ---- 1.127 ALUMINIUM ---- 0.36

302HQ S.S ---- 1.011 COPPER ---- 1.145 INCONEL ---- 1.085

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Solid Rivet Weights (over 7/16" Shank Diam.)

Approximate weight of 1000 round or button heads solid steel rivets in pounds											
LENGTH OF SHANK IN INCHES	RIVET DIAMETER IN INCHES										
	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4
POUNDS											
1/2	67.4	120.8									
5/8	74.3	131.6									
3/4	81.2	142.3	227.2								
7/8	88.1	153.1	242.7								
1	94.9	163.8	258.1	382.4							
1 1/8	101.8	174.6	273.6	403.5	566.1						
1 1/4	108.7	185.3	289.0	424.6	593.5						
1 3/8	115.5	196.1	304.5	445.6	621.0						
1 1/2	122.4	206.8	319.9	466.7	648.5	871.8					
1 5/8	129.3	217.6	335.4	487.8	675.9	906.6					
1 3/4	136.2	228.3	350.8	508.9	703.4	941.4	1223.0				
1 7/8	143.0	239.1	366.3	529.9	730.8	976.2	1266.0				
2	149.9	249.8	381.7	551.0	758.3	1011.0	1309.0	1663.0			
2 1/8	156.8	260.6	397.2	572.1	785.8	1046.0	1352.0	1715.0			
2 1/4	163.7	271.3	412.6	593.2	813.2	1081.0	1395.0	1767.0			
2 3/8	170.5	282.1	428.1	614.2	840.7	1115.0	1438.0	1819.0			
2 1/2	177.4	292.8	443.5	635.3	868.2	1150.0	1481.0	1871.0	2322.0		
2 5/8	184.3	303.6	459.0	656.4	895.6	1185.0	1523.0	1923.0	2384.0		
2 3/4	191.2	314.3	474.4	677.5	923.1	1220.0	1566.0	1976.0	2447.0		
2 7/8	198.0	325.1	489.9	698.5	950.5	1255.0	1609.0	2028.0	2509.0		
3	204.9	335.8	505.3	719.6	978.0	1290.0	1652.0	2080.0	2571.0	3117.0	3710.0
3 1/8	211.8	346.6	520.8	740.7	1006.0	1324.0	1695.0	2132.0	2633.0	3189.0	3794.0
3 1/4	218.7	357.3	536.2	761.8	1033.0	1359.0	1738.0	2184.0	2696.0	3262.0	3877.0
3 3/8	225.5	368.1	551.7	782.8	1060.0	1394.0	1781.0	2236.0	2758.0	3335.0	3961.0
3 1/2	232.4	378.8	567.1	803.9	1088.0	1429.0	1824.0	2288.0	2820.0	3408.0	4045.0
3 5/8	239.3	389.6	582.6	825.0	1115.0	1464.0	1867.0	2341.0	2883.0	3481.0	4128.0
3 3/4	246.2	400.3	598.0	846.1	1143.0	1498.0	1910.0	2393.0	2945.0	3554.0	4212.0
3 7/8	253.0	411.1	613.4	867.1	1170.0	1533.0	1953.0	2445.0	3007.0	3627.0	4295.0
4	259.9	421.8	628.9	888.2	1198.0	1568.0	1995.0	2497.0	3070.0	3700.0	4379.0
4 1/8	266.8	432.6	644.4	909.3	1225.0	1603.0	2038.0	2549.0	3132.0	3773.0	4462.0
4 1/4	273.7	443.3	659.8	930.4	1253.0	1638.0	2081.0	2601.0	3194.0	3846.0	4546.0
4 3/8	280.5	454.1	675.8	951.4	1280.0	1672.0	2124.0	2653.0	3257.0	3919.0	4630.0
4 1/2	287.4	464.8	690.7	972.5	1308.0	1707.0	2167.0	2706.0	3319.0	3992.0	4713.0
4 5/8	294.3	475.6	706.2	993.6	1335.0	1742.0	2210.0	2758.0	3381.0	4065.0	4797.0
4 3/4	301.2	486.3	721.6	1015.0	1363.0	1777.0	2253.0	2810.0	3444.0	4138.0	4880.0
4 7/8	308.0	497.1	737.1	1036.0	1390.0	1812.0	2296.0	2862.0	3506.0	4211.0	4964.0
5	314.9	507.8	752.5	1057.0	1417.0	1847.0	2339.0	2914.0	3568.0	4284.0	5047.0
5 1/8	321.8	518.6	768.0	1078.0	1445.0	1881.0	2382.0	2966.0	3630.0	4356.0	5131.0
5 1/4	328.7	529.3	783.4	1099.0	1472.0	1916.0	2425.0	3018.0	3693.0	4429.0	5215.0
5 3/8	335.5	540.1	798.9	1120.0	1500.0	1951.0	2467.0	3070.0	3755.0	4502.0	5298.0
5 1/2	342.4	550.8	814.3	1141.0	1527.0	1986.0	2510.0	3123.0	3817.0	4575.0	5382.0
5 5/8	349.3	561.6	829.8	1162.0	1555.0	2021.0	2553.0	3175.0	3880.0	4648.0	5465.0
5 3/4	356.2	572.3	845.2	1183.0	1582.0	2055.0	2596.0	3227.0	3942.0	4721.0	5549.0
5 7/8	363.0	583.1	860.7	1204.0	1610.0	2090.0	2639.0	3279.0	4004.0	4794.0	5632.0
6	369.9	593.8	876.1	1225.0	1637.0	2125.0	2682.0	3331.0	4067.0	4867.0	5716.0
6 1/8	376.8	604.6	891.6	1247.0	1665.0	2160.0	2725.0	3383.0	4129.0	4940.0	5800.0
6 1/4	383.7	615.3	907.0	1268.0	1692.0	2195.0	2768.0	3435.0	4191.0	5013.0	5883.0
6 3/8	390.5	626.1	922.5	1289.0	1720.0	2229.0	2811.0	3488.0	4254.0	5086.0	5967.0
6 1/2	397.4	636.8	937.9	1310.0	1747.0	2264.0	2854.0	3540.0	4316.0	5159.0	6050.0
6 5/8	404.3	647.6	953.4	1331.0	1774.0	2299.0	2897.0	3592.0	4378.0	5232.0	6134.0
6 3/4	411.2	658.3	968.8	1352.0	1802.0	2334.0	2940.0	3644.0	4441.0	5305.0	6218.0
6 7/8	418.0	669.1	984.3	1373.0	1829.0	2369.0	2982.0	3696.0	4503.0	5378.0	6301.0
7	424.9	679.8	999.7	1394.0	1857.0	2404.0	3025.0	3748.0	4565.0	5451.0	6385.0
7 1/8	431.8	690.6	1015.0	1415.0	1884.0	2438.0	3068.0	3800.0	4627.0	5523.0	6468.0
7 1/4	438.7	701.3	1031.0	1436.0	1912.0	2473.0	3111.0	3853.0	4690.0	5596.0	6552.0
7 3/8	445.5	712.1	1046.0	1457.0	1939.0	2508.0	3154.0	3905.0	4752.0	5669.0	6635.0
7 1/2	452.4	722.8	1062.0	1478.0	1967.0	2543.0	3197.0	3957.0	4814.0	5742.0	6719.0
7 5/8	459.3	733.6	1077.0	1499.0	1994.0	2578.0	3240.0	4009.0	4877.0	5815.0	6803.0
7 3/4	466.2	744.3	1092.0	1521.0	2022.0	2612.0	3283.0	4061.0	4939.0	5888.0	6886.0
7 7/8	473.0	755.1	1108.0	1542.0	2049.0	2647.0	3326.0	4113.0	5001.0	5916.0	6970.0
8	479.9	765.8	1123.0	1563.0	2077.0	2682.0	3369.0	4165.0	5064.0	6034.0	7053.0

Weight Difference Table

RIVET DIAMETER	STYLE OF HEAD				
	HIGH BUTTON	CONE	FLAT TOP COUNTERSUNK	ROUND TOP COUNTERSUNK	PAN
	No. of pounds lighter than button head rivets.	No. of pounds heavier than button head rivets.	No. of pounds lighter than button head rivets.	No. of pounds lighter than button head rivets.	No. of pounds lighter than button head rivets.
1/2	0.0	5.5	25.4	16.7	2.0
5/8	3.9	10.8	49.5	32.5	4.0
3/4	14.2	18.7	85.5	56.2	6.9
7/8	29.7	29.5	136.0	89.3	11.0
1	52.9	44.2	203.0	133.0	16.5
1 1/8	79.0	63.0	289.0	190.0	23.0
1 1/4	115.0	87.0	395.0	260.0	32.0
1 3/8	178.0	115.0	528.0	346.0	43.0
1 1/2	252.0	150.0	686.0	450.0	55.0
1 5/8	322.0	192.0	870.0	572.0	70.0
1 3/4	355.0	236.0	996.0	714.0	88.0

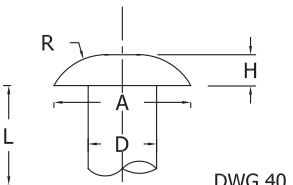
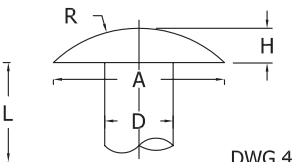
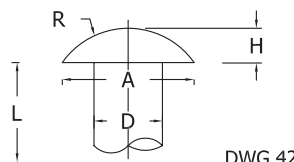
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Trailer & Truck Body Rivets



Truck body rivets are commonly made from aluminium (1100F) or hard alloy (2117 T4) and (6053T4-T6). Dimensional detail on the most common styles is set out in the charts following.

UNIVERSAL HEAD				BRAZIER HEAD		MODIFIED BRAZIER	
 DWG.40 $A = 2.0 \times D$ $H = 0.45 \times D$ $R = 0.875 \times D$				 DWG.41 $A = 2.5 \times D$ $H = 0.5 \times D$ $R = 1.812 \times D$		 DWG.42	
SHANK DIAMETER 'D'	HEAD DIAMETER 'A'	HEAD THICKNESS 'H'		HEAD DIAMETER 'A'	HEAD THICKNESS 'H'	HEAD DIAMETER 'A'	HEAD THICKNESS 'H'
1/16 0.060/0.065	0.119/0.131	0.027/0.037					
3/32 0.090/0.096	0.179/0.197	0.040/0.050					
1/8 0.121/0.127	0.238/0.262	0.054/0.064	0.302/0.322	0.056/0.068			
5/32 0.152/0.158	0.296/0.328	0.067/0.077	0.381/0.401	0.071/0.085			
3/16 0.182/0.191	0.356/0.394	0.080/0.090	0.459/0.479	0.087/0.101	0.380/0.400	0.071/0.085	
1/4 0.244/0.253	0.475/0.525	0.107/0.117	0.610/0.640	0.117/0.133	0.453/0.483	0.086/0.102	
5/16 0.305/0.317	0.594/0.656	0.133/0.143	0.766/0.796	0.149/0.163	0.635/0.665	0.122/0.140	
3/8 0.365/0.380	0.713/0.787	0.161/0.171	0.923/0.953	0.178/0.198	0.766/0.796	0.146/0.166	
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Standard Trailer Rivets

STANDARD ALUMINUM RIVET WEIGHTS FOR VAN TRAILERS 2117T4 HARD ALLOY

		UNIVERSAL HEAD		BRAZIER HEAD	
SHANK DIAMETER +0.004 -0.001 D	SHANK LENGTH ±0.010 L	R & R PART NUMBER	WEIGHT IN POUNDS PER 1000 RIVETS	R & R PART NUMBER	WEIGHT IN POUNDS PER 1000 RIVETS
3/16	5/16	T-305	1.07	TB-305	1.42
	3/8	T-306	1.59	TB-306	1.94
	7/16	T-307	1.76	TB-307	2.11
	1/2	T-308	1.94	TB-308	2.29
	9/16	T-309	2.11	TB-309	2.46
	5/8	T-310	2.26	TB-310	2.64
	11/16	T-311	2.46	TB-311	2.81
1/4	3/8	T-406	3.18	TB-406	4.02
	7/16	T-407	3.49	TB-407	4.33
	1/2	T-408	3.79	TB-408	4.64
	9/16	T-409	4.10	TB-409	4.95
	5/8	T-410	4.41	TB-410	5.26
	11/16	T-411	4.72	TB-411	5.57
	3/4	T-412	5.03	TB-412	5.88
	7/8	T-414	4.21	TB-414	5.05
	1.00	T-416	6.27	TB-416	7.11
	1 3/16	T-419	7.19	TB-419	8.03
	1 1/4	T-420	7.50	TB-420	8.35
5/16	3/4	T-512	9.50	TB-512	9.50
	13/16	T-513	9.99	TB-513	9.99
	7/8	T-514	10.47	TB-514	10.47
	1.00	T-516	11.44	TB-516	11.44
3/8	5/8	T-610	13.36	TB-610	13.36
	3/4	T-612	14.75	TB-612	14.75
	13/16	T-613	15.45	TB-613	15.45
	7/8	T-614	16.15	TB-614	16.15
	15/16	T-615	16.84	TB-615	16.84
	1.00	T-616	17.54	TB-616	17.54
	1 1/16	T-617	18.23	TB-617	18.23
	1 1/8	T-618	18.93	TB-618	18.93
	1 3/16	T-619	19.62	TB-619	19.62
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