

RATIONALE

FIGURE 1 RE-DRAWN WITH EDITORIAL AND FORMATTING UPDATES, CORRECT TYPOGRAPHICAL ERROR IN AS3229-085 DIM E, SI UNITS DELETED, ADD NEW DRAWING NOTE FOR DISPOSITION OF EXISTING INVENTORY, EDITORIAL REVISION TO NOTE 8, UPDATES REFERENCES, AND GENERAL EDITORIAL UPDATES.

AS3229B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

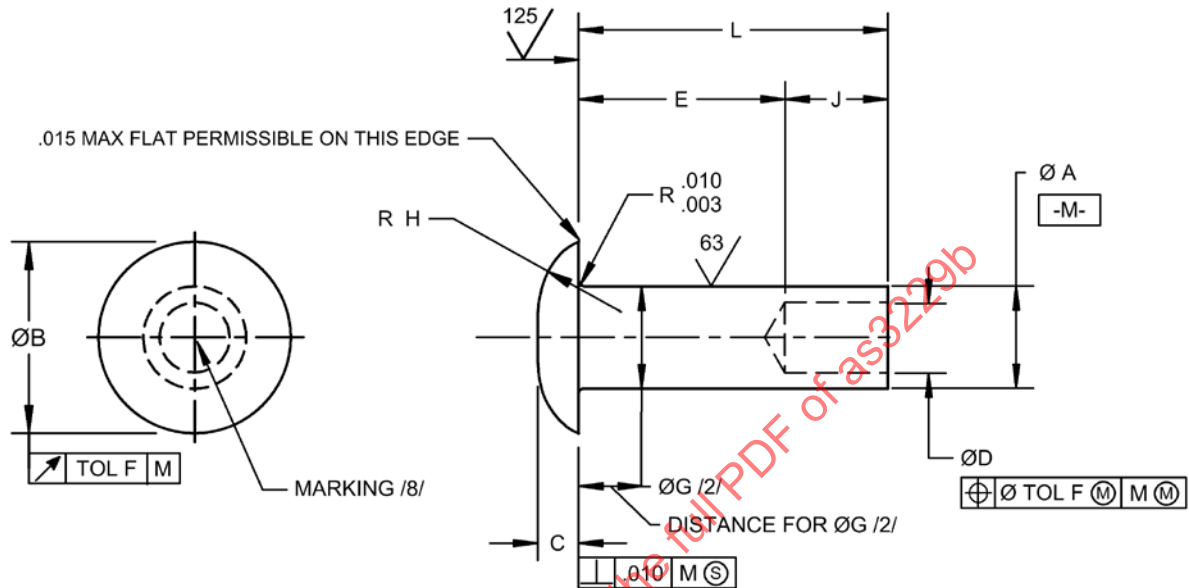


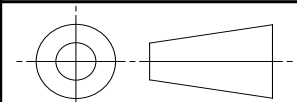
FIGURE 1- RIVET

TABLE 1 - NOMINAL Ø AND DIMENSIONS ØA, ØB, C, ØD, F, ØG, H, AND J

NOMINAL Ø	ØA	ØB	C	ØD	F	ØG MAX	H	(J)
.062	.061-.063	.119-.131	.027-.037	.021-.026	.010	.064	.044-.064	.080
.094	.093-.095	.179-.197	.040-.050	.045-.050	.010	.096	.072-.092	.105
.125	.123-.126	.238-.262	.054-.064	.060-.065	.010	.128	.098-.118	.130
.156	.154-.157	.296-.328	.067-.077	.092-.097	.015	.158	.125-.145	.155
.188	.186-.189	.356-.394	.080-.090	.107-.112	.015	.191	.154-.174	.180
.250	.248-.252	.475-.525	.107-.117	.154-.159	.020	.254	.207-.227	.230

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3229B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7228



AEROSPACE STANDARD

(R) RIVET -
TUBULAR, UNIVERSAL,
AS7228

AS3229™
SHEET 1 OF 5

REV.
B

TABLE 2 - PART NUMBERS, DIMENSIONS L AND E, AND APPROXIMATE MASS

A = .062					A = .094				
L	PART NUMBER	E	APPROX MASS LB/100		PART NUMBER	E	APPROX MASS LB/100		
.146- .166	AS3229-001	.061-.091	.016		AS3229-051	.036- .066	.040		
.178- .198	AS3229-002	.093-.123	.019		AS3229-052	.068- .098	.046		
.209- .229	AS3229-003	.109-.169	.022		AS3229-053	.099- .129	.052		
.240- .260	AS3229-004	.155-.185	.024		AS3229-054	.130- .160	.059		
.271- .291	AS3229-005	.186-.216	.027		AS3229-055	.161- .191	.064		
.302- .322	AS3229-006	.217-.247	.030		AS3229-056	.192- .222	.070		
.334- .354	AS3229-007	.249-.279	.033		AS3229-057	.224- .254	.077		
.365- .385	AS3229-008	.280-.310	.035		AS3229-058	.255- .285	.083		
.396- .416	AS3229-009	.311-.341	.038		AS3229-059	.286- .316	.089		
.428- .448	AS3229-010	.343-.373	.040		AS3229-060	.318- .348	.095		
.459- .479	AS3229-011	.374-.404	.043		AS3229-061	.349- .379	.101		
.490- .510	AS3229-012	.405-.435	.046		AS3229-062	.380- .410	.107		
.521- .541	AS3229-013	.436-.466	.048		AS3229-063	.411- .441	.113		
.552- .572	AS3229-014	.467-.497	.051		AS3229-064	.442- .472	.120		
.584- .604	AS3229-015	.499-.529	.054		AS3229-065	.474- .504	.126		
.615- .635					AS3229-066	.505- .535	.132		
.645- .665					AS3229-067	.536- .566	.138		
.678- .698					AS3229-068	.568- .598	.144		
.709- .729					AS3229-069	.599- .629	.151		
.740- .760					AS3229-070	.630- .660	.157		
.771- .791					AS3229-071	.661- .691	.163		
.802- .822					AS3229-072	.692- .722	.169		
.834- .854					AS3229-073	.724- .754	.175		
.865- .885					AS3229-074	.755- .785	.181		
.896- .916					AS3229-075	.786- .816	.187		
.928- .948					AS3229-076	.818- .848	.194		
.959- .979					AS3229-077	.849- .879	.200		
.990-1.010					AS3229-078	.880- .910	.206		
1.052-1.072					AS3229-079	.942- .972	.218		
1.115-1.135					AS3229-080	1.005-1.035	.230		
1.178-1.198					AS3229-081	1.068-1.098	.243		
1.240-1.260					AS3229-082	1.130-1.160	.255		
1.302-1.322					AS3229-083	1.192-1.222	.267		
1.365-1.385					AS3229-084	1.255-1.285	.280		
1.428-1.448					AS3229-085	1.318-1.348	.292		
1.490-1.510					AS3229-086	1.380-1.410	.304		

TABLE 2 - PART NUMBERS, DIMENSIONS L AND E, AND APPROXIMATE MASS (CONTINUED)

A = .125			A = .156		
L	PART NUMBER	E	APPROX MASS LB/100	PART NUMBER	APPROX MASS LB/100
.178- .198	AS3229-102	.043- .073	.086		
.209- .229	AS3229-103	.074- .104	.097		
.240- .260	AS3229-104	.105- .135	.108	AS3229-154	.080- .110
.271- .291	AS3229-105	.136- .166	.119	AS3229-155	.111- .141
.302- .322	AS3229-106	.167- .197	.129	AS3229-156	.142- .172
.334- .352	AS3229-107	.199- .229	.140	AS3229-157	.174- .204
.365- .385	AS3229-108	.230- .260	.151	AS3229-158	.205- .235
.396- .416	AS3229-109	.261- .291	.161	AS3229-159	.236- .266
.428- .448	AS3229-110	.293- .323	.173	AS3229-160	.268- .298
.459- .479	AS3229-111	.324- .354	.184	AS3229-161	.299- .329
.490- .510	AS3229-112	.355- .385	.195	AS3229-162	.330- .360
.521- .541	AS3229-113	.386- .416	.206	AS3229-163	.361- .391
.552- .572	AS3229-114	.412- .442	.217	AS3229-164	.392- .422
.584- .604	AS3229-115	.449- .479	.228	AS3229-165	.424- .454
.615- .635	AS3229-116	.480- .510	.239	AS3229-166	.455- .485
.645- .665	AS3229-117	.511- .541	.249	AS3229-167	.486- .516
.678- .698	AS3229-118	.523- .553	.261	AS3229-168	.518- .548
.709- .729	AS3229-119	.574- .604	.272	AS3229-169	.549- .579
.740- .760	AS3229-120	.605- .635	.282	AS3229-170	.580- .610
.771- .791	AS3229-121	.636- .666	.293	AS3229-171	.611- .641
.802- .822	AS3229-122	.667- .697	.304	AS3229-172	.642- .672
.834- .854	AS3229-123	.699- .729	.315	AS3229-173	.674- .704
.865- .885	AS3229-124	.730- .760	.326	AS3229-174	.705- .735
.896- .916	AS3229-125	.761- .791	.337	AS3229-175	.736- .766
.928- .948	AS3229-126	.793- .823	.348	AS3229-176	.768- .798
.959- .979	AS3229-127	.824- .854	.359	AS3229-177	.799- .829
.990-1.010	AS3229-128	.855- .885	.370	AS3229-178	.830- .860
1.052-1.072	AS3229-129	.917- .947	.391	AS3229-179	.892- .922
1.115-1.135	AS3229-130	.980-1.010	.414	AS3229-180	.955- .985
1.178-1.198	AS3229-131	1.043-1.073	.435	AS3229-181	1.018-1.048
1.240-1.260	AS3229-132	1.105-1.135	.457	AS3229-182	1.080-1.110
1.302-1.322	AS3229-133	1.167-1.197	.478	AS3229-183	1.142-1.172
1.365-1.385	AS3229-134	1.230-1.260	.500	AS3229-184	1.205-1.235
1.428-1.448	AS3229-135	1.293-1.323	.522	AS3229-185	1.268-1.298
1.490-1.510	AS3229-136	1.355-1.385	.544	AS3229-186	1.330-1.360
1.552-1.572	AS3229-137	1.417-1.447	.566	AS3229-187	1.392-1.422
1.615-1.635	AS3229-138	1.480-1.510	.588	AS3229-188	1.455-1.485
1.678-1.698	AS3229-139	1.543-1.573	.610	AS3229-189	1.518-1.548
1.740-1.760	AS3229-140	1.605-1.635	.631	AS3229-190	1.580-1.610
1.802-1.822				AS3229-191	1.642-1.672
1.865-1.885				AS3229-192	1.705-1.735
1.928-1.948				AS3229-193	1.768-1.798
1.990-2.010				AS3229-194	1.830-1.860

TABLE 2 - PART NUMBERS, DIMENSIONS L AND E, AND APPROXIMATE MASS (CONTINUED)

A = .188			A = .250		
L	PART NUMBER	E	APPROX MASS LB/100	PART NUMBER	APPROX MASS LB/100
.302- .322	AS3229-206	.117- .147	.314		
.334- .354	AS3229-207	.149- .179	.340		
.365- .385	AS3229-208	.180- .210	.364		
.396- .416	AS3229-209	.211- .241	.389	AS3229-259	.161- .191 .726
.428- .448	AS3229-210	.243- .273	.414	AS3229-260	.193- .223 .770
.459- .479	AS3229-211	.274- .304	.439	AS3229-261	.224- .254 .814
.490- .510	AS3229-212	.305- .335	.463	AS3229-262	.255- .285 .857
.521- .541	AS3229-213	.336- .366	.488	AS3229-263	.286- .316 .901
.552- .572	AS3229-214	.367- .397	.512	AS3229-264	.317- .347 .944
.584- .604	AS3229-215	.399- .429	.536	AS3229-265	.349- .379 .989
.615- .635	AS3229-216	.430- .460	.562	AS3229-266	.350- .380 1.033
.645- .665	AS3229-217	.461- .491	.587	AS3229-267	.381- .411 1.075
.678- .698	AS3229-218	.493- .523	.612	AS3229-268	.443- .473 1.121
.709- .729	AS3229-219	.524- .554	.637	AS3229-269	.474- .504 1.164
.740- .760	AS3229-220	.555- .585	.661	AS3229-270	.505- .535 1.206
.771- .791	AS3229-221	.586- .616	.686	AS3229-271	.536- .566 1.251
.802- .822	AS3229-222	.617- .647	.710	AS3229-272	.567- .597 1.295
.834- .854	AS3229-223	.649- .679	.736	AS3229-273	.599- .629 1.339
.865- .885	AS3229-224	.680- .710	.760	AS3229-274	.630- .660 1.383
.896- .916	AS3229-225	.711- .741	.785	AS3229-275	.661- .691 1.426
.928- .948	AS3229-226	.743- .773	.810	AS3229-276	.693- .723 1.471
.959- .979	AS3229-227	.774- .804	.835	AS3229-277	.724- .754 1.514
.990-1.010	AS3229-228	.805- .835	.859	AS3229-278	.755- .785 1.558
1.052-1.072	AS3229-229	.867- .897	.908	AS3229-279	.817- .847 1.645
1.115-1.135	AS3229-230	.930- .960	.958	AS3229-280	.880- .910 1.733
1.178-1.198	AS3229-231	.993-1.023	1.000	AS3229-281	.943- .973 1.821
1.240-1.260	AS3229-232	1.055-1.085	1.057	AS3229-282	1.005-1.035 1.908
1.302-1.322	AS3229-233	1.117-1.147	1.111	AS3229-283	1.067-1.097 1.995
1.365-1.385	AS3229-234	1.180-1.210	1.156	AS3229-284	1.130-1.160 2.083
1.428-1.448	AS3229-235	1.243-1.273	1.206	AS3229-285	1.193-1.223 2.172
1.490-1.510	AS3229-236	1.305-1.335	1.256	AS3229-286	1.255-1.285 2.258
1.552-1.572	AS3229-237	1.367-1.397	1.304	AS3229-287	1.317-1.347 2.345
1.615-1.635	AS3229-238	1.430-1.460	1.356	AS3229-288	1.380-1.410 2.434
1.678-1.698	AS3229-239	1.493-1.523	1.404	AS3229-289	1.443-1.473 2.522
1.740-1.760	AS3229-240	1.555-1.585	1.453	AS3229-290	1.505-1.535 2.609
1.802-1.822	AS3229-241	1.617-1.647	1.502	AS3229-291	1.567-1.597 2.690
1.865-1.885	AS3229-242	1.680-1.710	1.552	AS3229-292	1.630-1.660 2.784
1.928-1.948	AS3229-243	1.743-1.773	1.606	AS3229-293	1.693-1.723 2.872
1.990-2.010	AS3229-244	1.805-1.835	1.655	AS3229-294	1.755-1.785 2.959