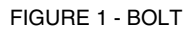


SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.



SSUED 2004-03

TABLE 1A - DASH NUMBERS AND DIMENSIONS B - F

DASH NO.	NOMINAL THREAD D		B		C	E	F MIN
	DESIGNATION	MODIFIED MAJOR DIA.	AS870 DASH NO.	NOMINAL SIZE			
-3	.1900 - 32 UNJF - 3A MOD	.1840 - .1875	-08	.2500	.165 - .175	.365 - .385	.335
-4	.2500 - 28 UNJF - 3A MOD	.2435 - .2475	-10	.3125	.222 - .232	.455 - .475	.425
-5	.3125 - 24 UNJF - 3A MOD	.3053 - .3100	-12	.3750	.280 - .290	.570 - .590	.540
-6	.3750 - 24 UNJF - 3A MOD	.3678 - .3725	-14	.4375	.343 - .353	.686 - .706	.656
-7	.4375 - 20 UNJF - 3A MOD	.4294 - .4350	-16	.5000	.400 - .410	.802 - .822	.772
-8	.5000 - 20 UNJF - 3A MOD	.4919 - .4975	-18	.5625	.462 - .472	.917 - .937	.887
-9	.5625 - 18 UNJF - 3A MOD	.5538 - .5600	-20	.6250	.521 - .531	1.032 - 1.045	1.002
-10	.6250 - 18 UNJF - 3A MOD	.6163 - .6225	-22	.6875	.584 - .594	1.148 - 1.168	1.118
-12	.7500 - 16 UNJF - 3A MOD	.7406 - .7475	-26	.8125	.704 - .714	1.379 - 1.399	1.349
-14	.8750 - 14 UNJF - 3A MOD	.8647 - .8725	-30	.9375	.824 - .834	1.610 - 1.630	1.580
-16	1.0000 - 12 UNJF - 3A MOD	.9886 - .9975	-34	1.0625	.941 - .951	1.841 - 1.861	1.811

TABLE 1B - DASH NUMBERS AND DIMENSIONS G - V

DASH NO.	G	H MIN	K	R	T MIN	U	V
-3	.240 - .260	.020	.248 - .268	.015 - .025	.122	.114 - .134	.090 - .110
-4	.302 - .322	.026	.293 - .313	.020 - .030	.144	.150 - .170	.140 - .160
-5	.365 - .385	.035	.354 - .374	.026 - .036	.166	.188 - .208	.196 - .216
-6	.428 - .448	.044	.405 - .425	.033 - .043	.188	.225 - .245	.250 - .270
-7	.490 - .510	.053	.462 - .482	.039 - .049	.210	.262 - .282	.300 - .320
-8	.552 - .572	.062	.510 - .530	.045 - .055	.232	.300 - .320	.360 - .380
-9	.615 - .635	.071	.558 - .578	.051 - .061	.254	.338 - .358	.430 - .450
-10	.677 - .697	.080	.635 - .655	.058 - .068	.336	.375 - .395	.490 - .510
-12	.802 - .822	.098	.735 - .755	.070 - .080	.371	.450 - .470	.560 - .580
-14	.927 - .947	.116	.875 - .895	.082 - .092	.442	.525 - .545	.640 - .660
-16	1.052 - 1.072	.134	.975 - .995	.095 - .105	.512	.600 - .620	.730 - .750

TABLE 1C - DASH NUMBERS AND DIMENSIONS AB - AD

DASH NO.	AB	AC	AD
-3	.110 - .130	.006	.003
-4	.164 - .184	.007	.003
-5	.219 - .239	.008	.003
-6	.281 - .301	.010	.0025
-7	.334 - .354	.010	.0025
-8	.396 - .416	.012	.002
-9	.452 - .472	.013	.002
-10	.514 - .534	.016	.002
-12	.630 - .650	.017	.002
-14	.744 - .764	.022	.002
-16	.854 - .874	.025	.002

NOTES:

1. FOR PARTS WITH A MINIMUM GRIP LENGTH (DIM 'N') EQUAL TO OR LESS THAN 1.5D THE THREAD PD (DATUM -Z-) SHALL REPLACE DATUM -Y-.
2. MATERIAL: COBALT-NICKEL ALLOY PER AMS 5842 (UNS R30159).
3. PROCUREMENT SPECIFICATION: AS7475.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E 1417.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
6. BREAK SHARP EDGES .003 - .015, UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS IN INCHES.
8. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1982 (ASME PUBLICATION).
9. DO NOT USE UNASSIGNED PART NUMBERS.
10. THE PART NUMBER SHALL CONSIST OF THE BASIC PART NUMBER, FIRST DASH NUMBER DESIGNATING THE NOMINAL DIAMETER AND THE SECOND DASH NUMBER DESIGNATING THE MINIMUM GRIP IN SIXTEENTHS (.0625) OF AN INCH.

EXAMPLE OF COMPLETE PART NUMBER:



AS AND AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
ASTM IS AN AMERICAN SOCIETY FOR TESTING AND MATERIALS PUBLICATION.

TABLE 2 - PART NUMBER AND SHANK LENGTH DIMENSIONS FOR .1900 NOMINAL DIAMETER BOLTS

PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100	PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100
AS3613-3-02	.125	.198	.610 - .630	.986	AS3613-3-18	1.125	1.198	1.610 - 1.630	1.842
AS3613-3-03	.188	.261	.673 - .693	1.040	AS3613-3-19	1.188	1.260	1.672 - 1.692	1.895
AS3613-3-04	.250	.322	.734 - .754	1.093	AS3613-3-20	1.250	1.322	1.734 - 1.754	1.948
AS3613-3-05	.312	.385	.797 - .817	1.146	AS3613-3-21	1.312	1.384	1.796 - 1.816	2.002
AS3613-3-06	.375	.448	.860 - .880	1.200	AS3613-3-22	1.375	1.448	1.860 - 1.880	2.056
AS3613-3-07	.438	.510	.922 - .942	1.253	AS3613-3-23	1.438	1.510	1.922 - 1.942	2.109
AS3613-3-08	.500	.572	.984 - 1.004	1.306	AS3613-3-24	1.500	1.572	1.984 - 2.004	2.162
AS3613-3-09	.562	.634	1.046 - 1.066	1.360	AS3613-3-25	1.562	1.634	2.046 - 2.066	2.216
AS3613-3-10	.625	.698	1.110 - 1.130	1.414	AS3613-3-26	1.625	1.698	2.110 - 2.130	2.270
AS3613-3-11	.688	.760	1.172 - 1.192	1.467	AS3613-3-27	1.688	1.760	2.172 - 2.192	2.323
AS3613-3-12	.750	.822	1.234 - 1.254	1.520	AS3613-3-28	1.750	1.822	2.232 - 2.252	2.376
AS3613-3-13	.812	.884	1.296 - 1.316	1.574	AS3613-3-29	1.812	1.884	2.296 - 2.316	2.430
AS3613-3-14	.875	.948	1.360 - 1.380	1.628	AS3613-3-30	1.875	1.948	2.360 - 2.380	2.484
AS3613-3-15	.938	1.010	1.422 - 1.442	1.681	AS3613-3-31	1.938	2.010	2.422 - 2.442	2.538
AS3613-3-16	1.000	1.072	1.484 - 1.504	1.734	AS3613-3-32	2.000	2.072	2.484 - 2.504	2.591
AS3613-3-17	1.062	1.134	1.546 - 1.566	1.788					

TABLE 3 - PART NUMBER AND SHANK LENGTH DIMENSIONS FOR .2500 NOMINAL DIAMETER BOLTS

PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100	PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100
AS3613-4-02	.125	.206	.715 - .735	1.920	AS3613-4-18	1.125	1.206	1.715 - 1.735	3.404
AS3613-4-03	.188	.269	.778 - .798	2.013	AS3613-4-19	1.188	1.269	1.778 - 1.798	3.496
AS3613-4-04	.250	.331	.840 - .860	2.106	AS3613-4-20	1.250	1.331	1.840 - 1.860	3.589
AS3613-4-05	.312	.393	.902 - .922	2.198	AS3613-4-21	1.312	1.393	1.902 - 1.922	3.682
AS3613-4-06	.375	.456	.965 - .985	2.291	AS3613-4-22	1.375	1.456	1.965 - 1.985	3.774
AS3613-4-07	.438	.519	1.028 - 1.048	2.384	AS3613-4-23	1.438	1.519	2.028 - 2.048	3.867
AS3613-4-08	.500	.581	1.090 - 1.110	2.476	AS3613-4-24	1.500	1.581	2.090 - 2.110	3.960
AS3613-4-09	.562	.643	1.152 - 1.172	2.569	AS3613-4-25	1.562	1.643	2.152 - 2.172	4.052
AS3613-4-10	.625	.706	1.215 - 1.235	2.662	AS3613-4-26	1.625	1.706	2.215 - 2.235	4.145
AS3613-4-11	.688	.769	1.278 - 1.298	2.755	AS3613-4-27	1.688	1.769	2.278 - 2.298	4.238
AS3613-4-12	.750	.831	1.340 - 1.360	2.847	AS3613-4-28	1.750	1.831	2.340 - 2.360	4.331
AS3613-4-13	.812	.893	1.402 - 1.422	2.940	AS3613-4-29	1.812	1.893	2.402 - 2.422	4.423
AS3613-4-14	.875	.955	1.465 - 1.485	3.032	AS3613-4-30	1.875	1.956	2.465 - 2.485	4.516
AS3613-4-15	.938	1.019	1.528 - 1.548	3.125	AS3613-4-31	1.938	1.019	2.528 - 2.548	4.609
AS3613-4-16	1.000	1.081	1.590 - 1.610	3.218	AS3613-4-32	2.000	2.081	2.590 - 2.610	4.702
AS3613-4-17	1.062	1.143	1.652 - 1.672	3.311					

TABLE 4 - PART NUMBER AND SHANK LENGTH DIMENSIONS FOR .3125 NOMINAL DIAMETER BOLTS

PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100	PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100
AS3613-5-03	.188	.281	.896 - .916	3.606	AS3613-5-22	1.375	1.468	2.083 - 2.103	6.357
AS3613-5-04	.250	.343	.958 - .978	3.751	AS3613-5-23	1.438	1.531	2.146 - 2.166	6.502
AS3613-5-05	.312	.405	1.020 - 1.040	3.896	AS3613-5-24	1.500	1.593	2.208 - 2.228	6.647
AS3613-5-06	.375	.468	1.083 - 1.103	4.040	AS3613-5-25	1.562	1.655	2.270 - 2.290	6.792
AS3613-5-07	.438	.531	1.146 - 1.166	4.185	AS3613-5-26	1.625	1.718	2.333 - 2.353	6.936
AS3613-5-08	.500	.593	1.208 - 1.228	4.330	AS3613-5-27	1.688	1.781	2.396 - 2.416	7.081
AS3613-5-09	.562	.655	1.270 - 1.290	4.475	AS3613-5-28	1.750	1.843	2.458 - 2.478	7.226
AS3613-5-10	.625	.718	1.333 - 1.353	4.620	AS3613-5-29	1.812	1.905	2.520 - 2.540	7.371
AS3613-5-11	.688	.781	1.396 - 1.416	4.764	AS3613-5-30	1.875	1.968	2.583 - 2.603	7.516
AS3613-5-12	.750	.843	1.458 - 1.478	4.909	AS3613-5-31	1.938	2.031	2.646 - 2.666	7.660
AS3613-5-13	.812	.905	1.520 - 1.540	5.054	AS3613-5-32	2.000	2.093	2.708 - 2.728	7.805
AS3613-5-14	.875	.968	1.583 - 1.603	5.199	AS3613-5-33	2.062	2.155	2.770 - 2.790	7.950
AS3613-5-15	.938	1.031	1.646 - 1.666	5.344	AS3613-5-34	2.125	2.218	2.833 - 2.853	8.095
AS3613-5-16	1.000	1.093	1.708 - 1.728	5.488	AS3613-5-35	2.188	2.281	2.896 - 2.916	8.240
AS3613-5-17	1.062	1.155	1.770 - 1.790	5.633	AS3613-5-36	2.250	2.343	2.958 - 2.978	8.384
AS3613-5-18	1.125	1.218	1.833 - 1.853	5.778	AS3613-5-37	2.312	2.405	3.020 - 3.040	8.529
AS3613-5-19	1.188	1.281	1.896 - 1.916	5.923	AS3613-5-38	2.375	2.468	3.083 - 2.103	8.674
AS3613-5-20	1.250	1.343	1.958 - 1.978	6.068	AS3613-5-39	2.438	2.531	3.146 - 3.166	8.819
AS3613-5-21	1.312	1.405	2.020 - 2.040	6.212	AS3613-5-40	2.500	2.593	3.208 - 3.228	8.964

TABLE 5 - PART NUMBER AND SHANK LENGTH DIMENSIONS FOR .3750 NOMINAL DIAMETER BOLTS

PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100	PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100
AS3613-6-03	.188	.281	.983 - 1.003	5.698	AS3613-6-22	1.375	1.468	2.170 - 2.190	9.659
AS3613-6-04	.250	.343	1.045 - 1.065	5.906	AS3613-6-23	1.438	1.531	2.233 - 2.253	9.868
AS3613-6-05	.312	.405	1.107 - 1.127	6.115	AS3613-6-24	1.500	1.593	2.295 - 2.315	10.076
AS3613-6-06	.375	.468	1.170 - 1.200	6.323	AS3613-6-25	1.562	1.655	2.357 - 2.377	10.285
AS3613-6-07	.438	.531	1.233 - 1.253	6.532	AS3613-6-26	1.625	1.718	2.420 - 2.440	10.493
AS3613-6-08	.500	.593	1.295 - 1.315	6.740	AS3613-6-27	1.688	1.781	2.483 - 2.503	10.702
AS3613-6-09	.562	.655	1.357 - 1.377	6.949	AS3613-6-28	1.750	1.843	2.545 - 2.565	10.910
AS3613-6-10	.625	.718	1.420 - 1.440	7.157	AS3613-6-29	1.812	1.905	2.607 - 2.627	11.118
AS3613-6-11	.688	.781	1.483 - 1.503	7.366	AS3613-6-30	1.875	1.968	2.670 - 2.690	11.327
AS3613-6-12	.750	.843	1.545 - 1.565	7.574	AS3613-6-31	1.938	2.031	2.733 - 2.753	11.536
AS3613-6-13	.812	.905	1.607 - 1.627	7.783	AS3613-6-32	2.000	2.093	2.795 - 2.815	11.744
AS3613-6-14	.875	.968	1.670 - 1.690	7.991	AS3613-6-33	2.062	2.155	2.857 - 2.877	11.952
AS3613-6-15	.938	1.031	1.733 - 1.753	8.200	AS3613-6-34	2.125	2.218	2.920 - 2.940	12.161
AS3613-6-16	1.000	1.093	1.795 - 1.815	8.408	AS3613-6-35	2.188	2.281	2.983 - 3.003	12.370
AS3613-6-17	1.062	1.155	1.857 - 1.877	8.617	AS3613-6-36	2.250	2.343	3.045 - 3.065	12.578
AS3613-6-18	1.125	1.218	1.920 - 1.940	8.825	AS3613-6-37	2.312	2.405	3.107 - 3.127	12.786
AS3613-6-19	1.188	1.281	1.983 - 2.003	9.034	AS3613-6-38	2.375	2.468	3.170 - 3.190	12.995
AS3613-6-20	1.250	1.343	2.045 - 2.065	9.242	AS3613-6-39	2.438	2.531	3.233 - 3.353	13.204
AS3613-6-21	1.312	1.405	2.107 - 2.127	9.451	AS3613-6-40	2.500	2.593	3.295 - 3.315	13.412

TABLE 6 - PART NUMBER AND SHANK LENGTH DIMENSIONS FOR .4375 NOMINAL DIAMETER BOLTS

PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100	PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100
AS3613-7-03	.188	.298	1.112 - 1.132	8.822	AS3613-7-26	1.625	1.735	2.549 - 2.569	15.347
AS3613-7-04	.250	.360	1.174 - 1.198	9.106	AS3613-7-27	1.688	1.798	2.612 - 2.632	15.631
AS3613-7-05	.312	.422	1.236 - 1.256	9.390	AS3613-7-28	1.750	1.860	2.674 - 2.694	15.915
AS3613-7-06	.375	.485	1.299 - 1.319	9.674	AS3613-7-29	1.812	1.922	2.736 - 2.756	16.199
AS3613-7-07	.438	.548	1.362 - 1.382	9.957	AS3613-7-30	1.875	1.985	2.799 - 2.819	16.482
AS3613-7-08	.500	.610	1.424 - 1.444	10.241	AS3613-7-31	1.938	2.048	2.862 - 2.882	16.766
AS3613-7-09	.562	.672	1.486 - 1.506	10.525	AS3613-7-32	2.000	2.110	2.924 - 2.944	17.050
AS3613-7-10	.625	.735	1.549 - 1.569	10.808	AS3613-7-33	2.062	2.172	2.986 - 3.006	17.333
AS3613-7-11	.688	.798	1.612 - 1.632	11.092	AS3613-7-34	2.125	2.235	3.049 - 3.069	17.617
AS3613-7-12	.750	.860	1.674 - 1.694	11.376	AS3613-7-35	2.188	2.298	3.112 - 3.132	17.901
AS3613-7-13	.812	.922	1.736 - 1.756	11.660	AS3613-7-36	2.250	2.360	3.174 - 3.194	18.184
AS3613-7-14	.875	.985	1.799 - 1.819	11.943	AS3613-7-37	2.312	2.422	3.236 - 3.256	18.468
AS3613-7-15	.938	1.048	1.862 - 1.882	12.227	AS3613-7-38	2.375	2.485	3.299 - 3.319	18.752
AS3613-7-16	1.000	1.110	1.924 - 1.944	12.511	AS3613-7-39	2.438	2.548	3.362 - 3.382	19.036
AS3613-7-17	1.062	1.172	1.986 - 2.006	12.794	AS3613-7-40	2.500	2.610	3.424 - 3.444	19.319
AS3613-7-18	1.125	1.235	2.049 - 2.069	13.078	AS3613-7-41	2.562	2.672	3.486 - 3.506	19.603
AS3613-7-19	1.188	1.298	2.112 - 2.132	13.362	AS3613-7-42	2.625	2.735	3.549 - 3.569	19.887
AS3613-7-20	1.250	1.360	2.174 - 2.194	13.645	AS3613-7-43	2.688	2.798	3.612 - 3.632	20.170
AS3613-7-21	1.312	1.422	2.236 - 2.256	13.929	AS3613-7-44	2.750	2.860	3.674 - 3.694	20.454
AS3613-7-22	1.375	1.485	2.299 - 2.319	14.213	AS3613-7-45	2.812	2.922	3.736 - 3.756	20.738
AS3613-7-23	1.438	1.548	2.362 - 2.382	14.496	AS3613-7-46	2.875	2.985	3.799 - 3.819	21.021
AS3613-7-24	1.500	1.610	2.424 - 2.444	14.780	AS3613-7-47	2.938	3.048	3.862 - 3.882	21.305
AS3613-7-25	1.562	1.672	2.486 - 2.506	15.064	AS3613-7-48	3.000	3.110	3.924 - 3.944	21.589

TABLE 7 - PART NUMBER AND SHANK LENGTH DIMENSIONS FOR .5000 NOMINAL DIAMETER BOLTS

PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100	PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100
AS3613-8-04	.250	.360	1.262 - 1.282	11.871	AS3613-8-31	1.938	2.048	2.950 - 2.970	21.877
AS3613-8-05	.312	.422	1.324 - 1.344	12.241	AS3613-8-32	2.000	2.110	3.012 - 3.032	22.247
AS3613-8-06	.375	.485	1.387 - 1.407	12.612	AS3613-8-33	2.062	2.172	3.074 - 3.094	22.618
AS3613-8-07	.438	.548	1.450 - 1.470	12.982	AS3613-8-34	2.125	2.235	3.137 - 3.157	22.994
AS3613-8-08	.500	.610	1.512 - 1.532	13.353	AS3613-8-35	2.188	2.298	3.200 - 3.220	23.365
AS3613-8-09	.562	.672	1.574 - 1.594	13.724	AS3613-8-36	2.250	2.360	3.262 - 3.282	23.735
AS3613-8-10	.625	.735	1.637 - 1.657	14.094	AS3613-8-37	2.312	2.422	3.324 - 3.344	24.106
AS3613-8-11	.688	.798	1.700 - 1.720	14.465	AS3613-8-38	2.375	2.485	3.387 - 3.407	24.476
AS3613-8-12	.750	.860	1.762 - 1.782	14.835	AS3613-8-39	2.438	2.548	3.450 - 3.470	24.847
AS3613-8-13	.812	.922	1.824 - 1.844	15.206	AS3613-8-40	2.500	2.610	3.512 - 3.532	25.218
AS3613-8-14	.875	.985	1.887 - 1.907	15.577	AS3613-8-41	2.562	2.672	3.574 - 3.594	25.588
AS3613-8-15	.938	1.048	1.950 - 1.970	15.947	AS3613-8-42	2.625	2.735	3.637 - 3.657	25.959
AS3613-8-16	1.000	1.110	2.012 - 2.032	16.318	AS3613-8-43	2.688	2.798	3.700 - 3.720	26.329
AS3613-8-17	1.062	1.172	2.074 - 2.094	16.688	AS3613-8-44	2.750	2.860	3.762 - 3.782	26.700
AS3613-8-18	1.125	1.235	2.137 - 2.157	17.059	AS3613-8-45	2.812	2.922	3.824 - 3.844	27.071
AS3613-8-19	1.188	1.298	2.200 - 2.220	17.430	AS3613-8-46	2.875	2.985	3.887 - 3.907	27.441
AS3613-8-20	1.250	1.360	2.262 - 2.282	17.800	AS3613-8-47	2.938	3.048	3.950 - 3.970	27.812
AS3613-8-21	1.312	1.422	2.324 - 2.344	18.171	AS3613-8-48	3.000	3.110	4.012 - 4.032	28.182
AS3613-8-22	1.375	1.485	2.387 - 2.407	18.541	AS3613-8-49	3.062	3.172	4.074 - 4.094	28.553
AS3613-8-23	1.438	1.548	2.450 - 2.470	18.912	AS3613-8-50	3.125	3.235	4.137 - 4.157	28.924
AS3613-8-24	1.500	1.610	2.512 - 2.532	19.283	AS3613-8-51	3.188	3.298	4.200 - 4.220	29.294
AS3613-8-25	1.562	1.672	2.574 - 2.594	19.653	AS3613-8-52	3.250	3.360	4.262 - 4.282	29.665
AS3613-8-26	1.625	1.735	2.637 - 2.657	20.024	AS3613-8-53	3.312	3.422	4.324 - 4.344	30.035
AS3613-8-27	1.688	1.798	2.700 - 2.720	20.394	AS3613-8-54	3.375	3.485	4.387 - 4.407	30.406
AS3613-8-28	1.750	1.860	2.762 - 2.782	20.765	AS3613-8-55	3.438	3.548	4.450 - 4.470	30.777
AS3613-8-29	1.812	1.922	2.824 - 2.844	21.136	AS3613-8-56	3.500	3.610	4.512 - 4.532	31.148
AS3613-8-30	1.875	1.985	2.887 - 2.907	21.506					

TABLE 8 - PART NUMBER AND SHANK LENGTH DIMENSIONS FOR .5625 NOMINAL DIAMETER BOLTS

PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100	PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100
AS3613-9-04	.250	.371	1.378 - 1.398	17.240	AS3613-9-31	1.938	2.059	3.066 - 3.086	29.906
AS3613-9-05	.312	.433	1.440 - 1.460	17.709	AS3613-9-32	2.000	2.121	3.128 - 3.148	30.375
AS3613-9-06	.375	.496	1.503 - 1.523	18.178	AS3613-9-33	2.062	2.183	3.190 - 3.210	30.844
AS3613-9-07	.438	.559	1.566 - 1.586	18.647	AS3613-9-34	2.125	2.246	3.253 - 3.273	31.313
AS3613-9-08	.500	.621	1.628 - 1.648	19.116	AS3613-9-35	2.188	2.309	3.316 - 3.336	31.782
AS3613-9-09	.562	.683	1.690 - 1.710	19.585	AS3613-9-36	2.250	2.371	3.378 - 3.398	32.251
AS3613-9-10	.625	.746	1.753 - 1.773	20.055	AS3613-9-37	2.312	2.433	3.440 - 3.460	32.720
AS3613-9-11	.688	.809	1.816 - 1.836	20.524	AS3613-9-38	2.375	2.496	3.503 - 3.523	33.189
AS3613-9-12	.750	.871	1.878 - 1.898	20.993	AS3613-9-39	2.438	2.599	3.566 - 3.586	33.659
AS3613-9-13	.812	.933	1.940 - 1.960	21.462	AS3613-9-40	2.500	2.621	3.628 - 3.648	34.128
AS3613-9-14	.875	.996	2.003 - 2.023	21.931	AS3613-9-41	2.562	2.683	3.690 - 3.710	34.597
AS3613-9-15	.938	1.059	2.066 - 2.086	22.400	AS3613-9-42	2.625	2.746	3.753 - 3.773	35.066
AS3613-9-16	1.000	1.121	2.128 - 2.148	22.869	AS3613-9-43	2.688	2.809	3.816 - 3.836	35.534
AS3613-9-17	1.062	1.183	2.190 - 2.210	23.338	AS3613-9-44	2.750	2.871	3.878 - 3.898	36.004
AS3613-9-18	1.125	1.246	2.253 - 2.273	23.807	AS3613-9-45	2.812	2.933	3.940 - 3.960	36.473
AS3613-9-19	1.188	1.309	2.316 - 2.336	24.276	AS3613-9-46	2.875	2.996	4.003 - 4.023	36.942
AS3613-9-20	1.250	1.371	2.378 - 2.398	24.746	AS3613-9-47	2.938	3.059	4.066 - 4.086	37.411
AS3613-9-21	1.312	1.433	2.440 - 2.460	25.215	AS3613-9-48	3.000	3.121	4.128 - 4.148	37.880
AS3613-9-22	1.375	1.496	2.503 - 2.523	25.684	AS3613-9-49	3.062	3.183	4.190 - 4.210	38.350
AS3613-9-23	1.438	1.559	2.566 - 2.586	26.153	AS3613-9-50	3.125	3.246	4.253 - 4.273	38.819
AS3613-9-24	1.500	1.621	2.628 - 2.648	26.622	AS3613-9-51	3.188	3.309	4.316 - 4.336	39.288
AS3613-9-25	1.562	1.683	2.690 - 2.710	27.091	AS3613-9-52	3.250	3.371	4.378 - 4.398	39.757
AS3613-9-26	1.625	1.746	2.753 - 2.773	27.560	AS3613-9-53	3.312	3.433	4.440 - 4.460	40.226
AS3613-9-27	1.688	1.809	2.816 - 2.836	28.029	AS3613-9-54	3.375	3.496	4.503 - 4.523	40.695
AS3613-9-28	1.750	1.871	2.878 - 2.898	28.498	AS3613-9-55	3.438	3.559	4.566 - 4.586	41.164
AS3613-9-29	1.812	1.933	2.940 - 2.960	28.968	AS3613-9-56	3.500	3.621	4.628 - 4.648	41.633
AS3613-9-30	1.875	1.996	3.003 - 3.023	29.437					

TABLE 9 - PART NUMBER AND SHANK LENGTH DIMENSIONS FOR .6250 NOMINAL DIAMETER BOLTS

PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100	PART NUMBER	N MIN (GRIP)	M MAX	L	APPROX. MASS LB/100
AS3613-10-05	.312	.433	1.527 - 1.547	23.860	AS3613-10-31	1.938	2.059	3.153 - 3.235	38.916
AS3613-10-06	.375	.496	1.590 - 1.610	24.439	AS3613-10-32	2.000	2.121	3.215 - 3.235	39.495
AS3613-10-07	.438	.559	1.653 - 1.673	25.018	AS3613-10-33	2.062	2.183	3.277 - 3.297	40.074
AS3613-10-08	.500	.621	1.715 - 1.735	25.597	AS3613-10-34	2.125	2.246	3.340 - 3.360	40.653
AS3613-10-09	.562	.683	1.777 - 1.797	26.176	AS3613-10-35	2.188	2.309	3.403 - 3.423	41.232
AS3613-10-10	.625	.746	1.840 - 1.860	26.755	AS3613-10-36	2.250	2.371	3.465 - 3.485	41.812
AS3613-10-11	.688	.809	1.903 - 1.923	27.3345	AS3613-10-37	2.312	2.433	3.527 - 3.547	42.391
AS3613-10-12	.750	.871	1.965 - 1.985	27.914	AS3613-10-38	2.375	2.496	3.590 - 3.610	42.970
AS3613-10-13	.812	.933	2.027 - 2.047	28.493	AS3613-10-39	2.438	2.599	3.653 - 3.673	43.549
AS3613-10-14	.875	.996	2.090 - 2.110	29.072	AS3613-10-40	2.500	2.621	3.715 - 3.735	44.128
AS3613-10-15	.938	1.059	2.153 - 2.173	29.651	AS3613-10-41	2.562	2.683	3.777 - 3.797	44.707
AS3613-10-16	1.000	1.121	2.215 - 2.235	30.230	AS3613-10-42	2.625	2.746	3.840 - 3.860	45.286
AS3613-10-17	1.062	1.183	2.277 - 2.297	30.809	AS3613-10-43	2.688	2.809	3.903 - 3.923	45.865
AS3613-10-18	1.125	1.246	2.340 - 2.360	31.388	AS3613-10-44	2.750	2.871	3.965 - 3.985	46.444
AS3613-10-19	1.188	1.309	2.403 - 2.423	31.967	AS3613-10-45	2.812	2.933	4.027 - 4.047	47.024
AS3613-10-20	1.250	1.371	2.465 - 2.485	32.546	AS3613-10-46	2.875	2.996	4.090 - 4.110	47.603
AS3613-10-21	1.312	1.433	2.527 - 2.547	33.125	AS3613-10-47	2.938	3.059	4.153 - 4.173	48.182
AS3613-10-22	1.375	1.496	2.590 - 2.610	33.704	AS3613-10-48	3.000	3.121	4.215 - 4.235	48.761
AS3613-10-23	1.438	1.559	2.653 - 2.673	34.283	AS3613-10-49	3.062	3.183	4.277 - 4.297	49.340
AS3613-10-24	1.500	1.621	2.715 - 2.735	34.862	AS3613-10-50	3.125	3.246	4.340 - 4.360	49.919
AS3613-10-25	1.562	1.683	2.777 - 2.797	35.442	AS3613-10-51	3.188	3.309	4.403 - 4.423	50.498
AS3613-10-26	1.625	1.746	2.840 - 2.860	36.021	AS3613-10-52	3.250	3.371	4.465 - 4.485	51.077
AS3613-10-27	1.688	1.809	2.903 - 2.923	36.600	AS3613-10-53	3.312	3.433	4.527 - 4.547	51.656
AS3613-10-28	1.750	1.871	2.965 - 3.047	37.179	AS3613-10-54	3.375	3.496	4.590 - 4.610	52.235
AS3613-10-29	1.812	1.933	3.027 - 3.110	37.758	AS3613-10-55	3.438	3.559	4.653 - 4.673	52.814
AS3613-10-30	1.875	1.996	3.090 - 3.173	38.337	AS3613-10-56	3.500	3.621	4.715 - 4.735	53.384