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REV. A
AS3622

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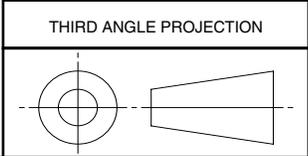
RATIONALE

THIS STANDARD IS CANCELLED AS THE NEED FOR THE ITEM IS COVERED BY AS3623.
FOR BOLTS WITH PD SHANKS USE AS3623 AND FOR BOLTS WITH CLOSE TOLERANCE SHANKS USE AS3659.

CANCELLATION NOTICE

THIS DOCUMENT HAS BEEN DECLARED "CANCELLED" AS OF OCTOBER 2007. BY THIS ACTION, THIS DOCUMENT WILL REMAIN LISTED IN THE NUMERICAL SECTION OF THE AEROSPACE STANDARDS INDEX.

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CUSTODIAN: SAE E-25 PROCUREMENT SPECIFICATION: NONE

<p>SAE Aerospace An SAE International Group</p>	AEROSPACE STANDARD		AS3622	REV. A
	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, CLOSE TOLERANCE SHANK, COBALT-NICKEL ALLOY, UNS R30159, 260 KSI MIN			

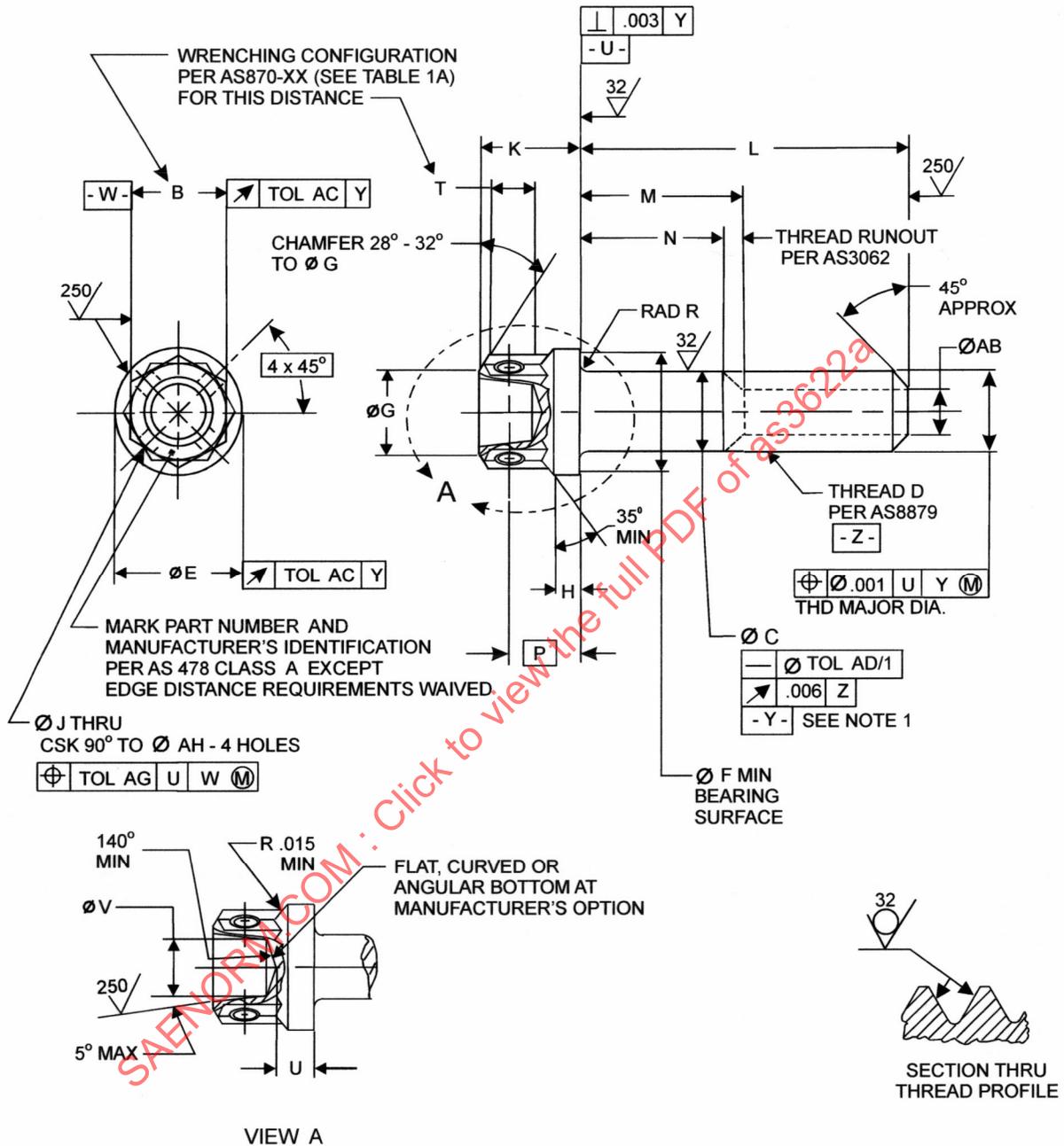
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REV.
A

AS3622

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CUSTODIAN: SAE E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, CLOSE TOLERANCE SHANK, COBALT-NICKEL ALLOY, UNS R30159, 260 KSI MIN

AS3622
SHEET 1 OF 12

REV. A

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	J	K	P	R	T MIN	U	V
-3	.240 - .260	.020	.042 - .052	.248 - .268	.188	.015 - .025	.122	.114 - .134	.090 - .110
-4	.302 - .322	.026	.060 - .070	.293 - .313	.219	.020 - .030	.144	.150 - .170	.140 - .160
-5	.365 - .385	.035	.060 - .080	.354 - .374	.286	.026 - .036	.166	.188 - .208	.196 - .216
-6	.428 - .448	.044	.060 - .080	.405 - .425	.335	.033 - .043	.188	.225 - .245	.250 - .270
-7	.490 - .510	.053	.060 - .080	.462 - .482	.392	.039 - .049	.210	.262 - .282	.300 - .320
-8	.552 - .542	.062	.060 - .080	.510 - .530	.440	.045 - .055	.232	.300 - .320	.360 - .380
-9	.615 - .635	.071	.060 - .080	.558 - .578	.488	.051 - .061	.254	.338 - .358	.430 - .450
-10	.677 - .697	.080	.060 - .080	.635 - .655	.525	.058 - .068	.336	.375 - .395	.490 - .510
-12	.802 - .822	.098	.060 - .080	.735 - .755	.620	.070 - .080	.371	.450 - .470	.560 - .580
-14	.927 - .947	.116	.090 - .110	.875 - .895	.715	.082 - .092	.442	.525 - .545	.640 - .660
-16	1.052 - 1.072	.134	.090 - .110	.975 - .995	.790	.095 - .105	.512	.600 - .620	.730 - .750

TABLE 1C - DASH NUMBERS AND DIMENSIONS AB - AH

DASH NO.	AB	AC	AD	AG	AH
-3	.110 - .130	.006	.003	.015	.060 - .070
-4	.164 - .184	.007	.003	.015	.080 - .090
-5	.219 - .239	.008	.003	.015	.090 - .110
-6	.281 - .301	.010	.0025	.020	.090 - .110
-7	.334 - .354	.010	.0025	.020	.090 - .110
-8	.396 - .416	.012	.002	.020	.090 - .110
-9	.452 - .472	.013	.002	.020	.090 - .110
-10	.514 - .534	.016	.002	.020	.090 - .110
-12	.630 - .650	.017	.002	.020	.090 - .110
-14	.744 - .764	.022	.002	.030	.120 - .145
-16	.854 - .874	.025	.002	.030	.120 - .145

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
AS3622-3-02	.125	.198	.610 - .630	.986	AS3622-3-18	1.125	1.198	1.610 - 1.630	1.842
AS3622-3-03	.188	.261	.673 - .693	1.040	AS3622-3-19	1.188	1.260	1.672 - 1.692	1.895
AS3622-3-04	.250	.322	.734 - .754	1.093	AS3622-3-20	1.250	1.322	1.734 - 1.754	1.948
AS3622-3-05	.312	.385	.797 - .817	1.146	AS3622-3-21	1.312	1.384	1.796 - 1.816	2.002
AS3622-3-06	.375	.448	.860 - .880	1.200	AS3622-3-22	1.375	1.448	1.860 - 1.880	2.056
AS3622-3-07	.438	.510	.922 - .942	1.253	AS3622-3-23	1.438	1.510	1.922 - 1.942	2.109
AS3622-3-08	.500	.572	.984 - 1.004	1.306	AS3622-3-24	1.500	1.572	1.984 - 2.004	2.162
AS3622-3-09	.562	.634	1.046 - 1.066	1.360	AS3622-3-25	1.562	1.634	2.046 - 2.046	2.216
AS3622-3-10	.625	.698	1.110 - 1.130	1.414	AS3622-3-26	1.625	1.698	2.110 - 2.130	2.270
AS3622-3-11	.688	.760	1.172 - 1.192	1.467	AS3622-3-27	1.688	1.760	2.172 - 2.192	2.323
AS3622-3-12	.750	.822	1.234 - 1.254	1.520	AS3622-3-28	1.750	1.822	2.232 - 2.252	2.376
AS3622-3-13	.812	.884	1.296 - 1.316	1.574	AS3622-3-29	1.812	1.884	2.296 - 2.316	2.430
AS3622-3-14	.875	.948	1.360 - 1.380	1.628	AS3622-3-30	1.875	1.948	2.360 - 2.380	2.484
AS3622-3-15	.938	1.010	1.422 - 1.442	1.681	AS3622-3-31	1.938	2.010	2.422 - 2.442	2.538
AS3622-3-16	1.000	1.072	1.484 - 1.504	1.734	AS3622-3-32	2.000	2.072	2.484 - 2.504	2.591
AS3622-3-17	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
AS3622-4-02	.125	.206	.715 - .735	1.920	AS3622-4-18	1.125	1.206	1.715 - 1.735	3.404
AS3622-4-03	.188	.269	.778 - .798	2.013	AS3622-4-19	1.188	1.269	1.778 - 1.798	3.496
AS3622-4-04	.250	.331	.840 - .860	2.106	AS3622-4-20	1.250	1.331	1.840 - 1.860	3.589
AS3622-4-05	.312	.393	.902 - .922	2.198	AS3622-4-21	1.312	1.393	1.902 - 1.922	3.682
AS3622-4-06	.375	.456	.965 - .985	2.291	AS3622-4-22	1.375	1.456	1.965 - 1.985	3.774
AS3622-4-07	.438	.519	1.028 - 1.048	2.384	AS3622-4-23	1.438	1.519	2.028 - 2.048	3.867
AS3622-4-08	.500	.581	1.090 - 1.110	2.476	AS3622-4-24	1.500	1.581	2.090 - 2.110	3.960
AS3622-4-09	.562	.643	1.152 - 1.172	2.569	AS3622-4-25	1.562	1.643	2.152 - 2.172	4.052
AS3622-4-10	.625	.706	1.215 - 1.235	2.662	AS3622-4-26	1.625	1.706	2.215 - 2.235	4.145
AS3622-4-11	.688	.769	1.278 - 1.298	2.755	AS3622-4-27	1.688	1.769	2.278 - 2.298	4.238
AS3622-4-12	.750	.831	1.340 - 1.360	2.847	AS3622-4-28	1.750	1.831	2.340 - 2.360	4.331
AS3622-4-13	.812	.893	1.402 - 1.422	2.940	AS3622-4-29	1.812	1.893	2.402 - 2.422	4.423
AS3622-4-14	.875	.955	1.465 - 1.485	3.032	AS3622-4-30	1.875	1.956	2.465 - 2.485	4.516
AS3622-4-15	.938	1.019	1.528 - 1.548	3.125	AS3622-4-31	1.938	1.019	2.528 - 2.548	4.609
AS3622-4-16	1.000	1.081	1.590 - 1.610	3.218	AS3622-4-32	2.000	2.081	2.590 - 2.610	4.702
AS3622-4-17	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
AS3622-5-03	.188	.281	.896 - .916	3.606	AS3622-5-22	1.375	1.468	2.083 - 2.103	6.357
AS3622-5-04	.250	.343	.958 - .978	3.751	AS3622-5-23	1.438	1.531	2.146 - 2.166	6.502
AS3622-5-05	.312	.405	1.020 - 1.040	3.896	AS3622-5-24	1.500	1.593	2.208 - 2.228	6.647
AS3622-5-06	.375	.468	1.083 - 1.103	4.040	AS3622-5-25	1.562	1.655	2.270 - 2.290	6.792
AS3622-5-07	.438	.531	1.146 - 1.166	4.185	AS3622-5-26	1.625	1.718	2.333 - 2.353	6.936
AS3622-5-08	.500	.593	1.208 - 1.228	4.330	AS3622-5-27	1.688	1.781	2.396 - 2.416	7.081
AS3622-5-09	.562	.655	1.270 - 1.290	4.475	AS3622-5-28	1.750	1.843	2.458 - 2.478	7.226
AS3622-5-10	.625	.718	1.333 - 1.353	4.620	AS3622-5-29	1.812	1.905	2.520 - 2.540	7.371
AS3622-5-11	.688	.781	1.396 - 1.416	4.764	AS3622-5-30	1.875	1.968	2.583 - 2.603	7.516
AS3622-5-12	.750	.843	1.458 - 1.478	4.909	AS3622-5-31	1.938	2.031	2.646 - 2.666	7.660
AS3622-5-13	.812	.905	1.520 - 1.540	5.054	AS3622-5-32	2.000	2.093	2.708 - 2.728	7.805
AS3622-5-14	.875	.968	1.583 - 1.603	5.199	AS3622-5-33	2.062	2.155	2.770 - 2.790	7.950
AS3622-5-15	.938	1.031	1.646 - 1.666	5.344	AS3622-5-34	2.125	2.218	2.833 - 2.853	8.095
AS3622-5-16	1.000	1.093	1.708 - 1.728	5.488	AS3622-5-35	2.188	2.281	2.896 - 2.916	8.240
AS3622-5-17	1.062	1.155	1.770 - 1.790	5.633	AS3622-5-36	2.250	2.343	2.958 - 2.978	8.384
AS3622-5-18	1.125	1.218	1.833 - 1.853	5.778	AS3622-5-37	2.312	2.405	3.020 - 3.040	8.529
AS3622-5-19	1.188	1.281	1.896 - 1.916	5.923	AS3622-5-38	2.375	2.468	3.083 - 2.103	8.674
AS3622-5-20	1.250	1.343	1.958 - 1.978	6.068	AS3622-5-39	2.438	2.531	3.146 - 3.166	8.819
AS3622-5-21	1.312	1.405	2.020 - 2.040	6.212	AS3622-5-40	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
AS3622-6-03	.188	.281	.983 - 1.003	5.698	AS3622-6-22	1.375	1.468	2.170 - 2.190	9.659
AS3622-6-04	.250	.343	1.045 - 1.065	5.906	AS3622-6-23	1.438	1.531	2.233 - 2.253	9.868
AS3622-6-05	.312	.405	1.107 - 1.127	6.115	AS3622-6-24	1.500	1.593	2.295 - 2.315	10.076
AS3622-6-06	.375	.468	1.170 - 1.200	6.323	AS3622-6-25	1.562	1.655	2.357 - 2.377	10.285
AS3622-6-07	.438	.531	1.233 - 1.253	6.532	AS3622-6-26	1.625	1.718	2.420 - 2.440	10.493
AS3622-6-08	.500	.593	1.295 - 1.315	6.740	AS3622-6-27	1.688	1.781	2.483 - 2.503	10.702
AS3622-6-09	.562	.655	1.357 - 1.377	6.949	AS3622-6-28	1.750	1.843	2.545 - 2.565	10.910
AS3622-6-10	.625	.718	1.420 - 1.440	7.157	AS3622-6-29	1.812	1.905	2.607 - 2.627	11.118
AS3622-6-11	.688	.781	1.483 - 1.503	7.366	AS3622-6-30	1.875	1.968	2.670 - 2.690	11.327
AS3622-6-12	.750	.843	1.545 - 1.565	7.574	AS3622-6-31	1.938	2.031	2.733 - 2.753	11.536
AS3622-6-13	.812	.905	1.607 - 1.627	7.783	AS3622-6-32	2.000	2.093	2.795 - 2.815	11.744
AS3622-6-14	.875	.968	1.670 - 1.690	7.991	AS3622-6-33	2.062	2.155	2.857 - 2.877	11.952
AS3622-6-15	.938	1.031	1.733 - 1.753	8.200	AS3622-6-34	2.125	2.218	2.920 - 2.940	12.161
AS3622-6-16	1.000	1.093	1.795 - 1.815	8.408	AS3622-6-35	2.188	2.281	2.983 - 3.003	12.370
AS3622-6-17	1.062	1.155	1.857 - 1.877	8.617	AS3622-6-36	2.250	2.343	3.045 - 3.065	12.578
AS3622-6-18	1.125	1.218	1.920 - 1.940	8.825	AS3622-6-37	2.312	2.405	3.107 - 3.127	12.786
AS3622-6-19	1.188	1.281	1.983 - 2.003	9.034	AS3622-6-38	2.375	2.468	3.170 - 3.190	12.995
AS3622-6-20	1.250	1.343	2.045 - 2.065	9.242	AS3622-6-39	2.438	2.531	3.233 - 3.353	13.204
AS3622-6-21	1.312	1.405	2.107 - 2.127	9.451	AS3622-6-40	2.500	2.593	3.295 - 3.315	13.412

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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
AS3622-7-03	.188	.298	1.112 - 1.132	8.822	AS3622-7-26	1.625	1.735	2.549 - 2.569	15.347
AS3622-7-04	.250	.360	1.174 - 1.198	9.106	AS3622-7-27	1.688	1.798	2.612 - 2.632	15.631
AS3622-7-05	.312	.422	1.236 - 1.256	9.390	AS3622-7-28	1.750	1.860	2.674 - 2.694	15.915
AS3622-7-06	.375	.485	1.299 - 1.319	9.674	AS3622-7-29	1.812	1.922	2.736 - 2.756	16.199
AS3622-7-07	.438	.548	1.362 - 1.382	9.957	AS3622-7-30	1.875	1.985	2.799 - 2.819	16.482
AS3622-7-08	.500	.610	1.424 - 1.444	10.241	AS3622-7-31	1.938	2.048	2.862 - 2.882	16.766
AS3622-7-09	.562	.672	1.486 - 1.506	10.525	AS3622-7-32	2.000	2.110	2.924 - 2.944	17.050
AS3622-7-10	.625	.735	1.549 - 1.569	10.808	AS3622-7-33	2.062	2.172	2.986 - 3.006	17.333
AS3622-7-11	.688	.798	1.612 - 1.632	11.092	AS3622-7-34	2.125	2.235	3.049 - 3.069	17.617
AS3622-7-12	.750	.860	1.674 - 1.694	11.376	AS3622-7-35	2.188	2.298	3.112 - 3.132	17.901
AS3622-7-13	.812	.922	1.736 - 1.756	11.660	AS3622-7-36	2.250	2.360	3.174 - 3.194	18.184
AS3622-7-14	.875	.985	1.799 - 1.819	11.943	AS3622-7-37	2.312	2.422	3.236 - 3.256	18.468
AS3622-7-15	.938	1.048	1.862 - 1.882	12.227	AS3622-7-38	2.375	2.485	3.299 - 3.319	18.752
AS3622-7-16	1.000	1.110	1.924 - 1.944	12.511	AS3622-7-39	2.438	2.548	3.362 - 3.382	19.036
AS3622-7-17	1.062	1.172	1.986 - 2.006	12.794	AS3622-7-40	2.500	2.610	3.424 - 3.444	19.319
AS3622-7-18	1.125	1.235	2.049 - 2.069	13.078	AS3622-7-41	2.562	2.672	3.486 - 3.506	19.603
AS3622-7-19	1.188	1.298	2.112 - 2.132	13.362	AS3622-7-42	2.625	2.735	3.549 - 3.569	19.887
AS3622-7-20	1.250	1.360	2.174 - 2.194	13.645	AS3622-7-43	2.688	2.798	3.612 - 3.632	20.170
AS3622-7-21	1.312	1.422	2.236 - 2.256	13.929	AS3622-7-44	2.750	2.860	3.674 - 3.694	20.454
AS3622-7-22	1.375	1.485	2.299 - 2.319	14.213	AS3622-7-45	2.812	2.922	3.736 - 3.756	20.738
AS3622-7-23	1.438	1.548	2.362 - 2.382	14.496	AS3622-7-46	2.875	2.985	3.799 - 3.819	21.021
AS3622-7-24	1.500	1.610	2.424 - 2.444	14.780	AS3622-7-47	2.938	3.048	3.862 - 3.882	21.305
AS3622-7-25	1.562	1.672	2.486 - 2.506	15.064	AS3622-7-48	3.000	3.110	3.924 - 3.944	21.589



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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
AS3622-8-04	.250	.360	1.262 - 1.282	11.871	AS3622-8-31	1.938	2.048	2.950 - 2.970	21.877
AS3622-8-05	.312	.422	1.324 - 1.344	12.241	AS3622-8-32	2.000	2.110	3.012 - 3.032	22.247
AS3622-8-06	.375	.485	1.387 - 1.407	12.612	AS3622-8-33	2.062	2.172	3.074 - 3.094	22.618
AS3622-8-07	.438	.548	1.450 - 1.470	12.982	AS3622-8-34	2.125	2.235	3.137 - 3.157	22.994
AS3622-8-08	.500	.610	1.512 - 1.532	13.353	AS3622-8-35	2.188	2.298	3.200 - 3.220	23.365
AS3622-8-09	.562	.672	1.574 - 1.594	13.724	AS3622-8-36	2.250	2.360	3.262 - 3.282	23.735
AS3622-8-10	.625	.735	1.637 - 1.657	14.094	AS3622-8-37	2.312	2.422	3.324 - 3.344	24.106
AS3622-8-11	.688	.798	1.700 - 1.720	14.465	AS3622-8-38	2.375	2.485	3.387 - 3.407	24.476
AS3622-8-12	.750	.860	1.762 - 1.782	14.835	AS3622-8-39	2.438	2.548	3.450 - 3.470	24.847
AS3622-8-13	.812	.922	1.824 - 1.844	15.206	AS3622-8-40	2.500	2.610	3.512 - 3.532	25.218
AS3622-8-14	.875	.985	1.887 - 1.907	15.577	AS3622-8-41	2.562	2.672	3.574 - 3.594	25.588
AS3622-8-15	.938	1.048	1.950 - 1.970	15.947	AS3622-8-42	2.625	2.735	3.637 - 3.657	25.959
AS3622-8-16	1.000	1.110	2.012 - 2.032	16.318	AS3622-8-43	2.688	2.798	3.700 - 3.720	26.329
AS3622-8-17	1.062	1.172	2.074 - 2.094	16.688	AS3622-8-44	2.750	2.860	3.762 - 3.782	26.700
AS3622-8-18	1.125	1.235	2.137 - 2.157	17.059	AS3622-8-45	2.812	2.922	3.824 - 3.844	27.071
AS3622-8-19	1.188	1.298	2.200 - 2.220	17.430	AS3622-8-46	2.875	2.985	3.887 - 3.907	27.441
AS3622-8-20	1.250	1.360	2.262 - 2.282	17.800	AS3622-8-47	2.938	3.048	3.950 - 3.970	27.812
AS3622-8-21	1.312	1.422	2.324 - 2.344	18.171	AS3622-8-48	3.000	3.110	4.012 - 4.032	28.182
AS3622-8-22	1.375	1.485	2.387 - 2.407	18.541	AS3622-8-49	3.062	3.172	4.074 - 4.094	28.553
AS3622-8-23	1.438	1.548	2.450 - 2.470	18.912	AS3622-8-50	3.125	3.235	4.137 - 4.157	28.924
AS3622-8-24	1.500	1.610	2.512 - 2.532	19.283	AS3622-8-51	3.188	3.298	4.200 - 4.220	29.294
AS3622-8-25	1.562	1.672	2.574 - 2.594	19.653	AS3622-8-52	3.250	3.360	4.262 - 4.282	29.665
AS3622-8-26	1.625	1.735	2.637 - 2.657	20.024	AS3622-8-53	3.312	3.422	4.324 - 4.344	30.035
AS3622-8-27	1.688	1.798	2.700 - 2.720	20.394	AS3622-8-54	3.375	3.485	4.387 - 4.407	30.406
AS3622-8-28	1.750	1.860	2.762 - 2.782	20.765	AS3622-8-55	3.438	3.548	4.450 - 4.470	30.777
AS3622-8-29	1.812	1.922	2.824 - 2.844	21.136	AS3622-8-56	3.500	3.610	4.512 - 4.532	31.148
AS3622-8-30	1.875	1.985	2.887 - 2.907	21.506					

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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
AS3622-9-04	.250	.371	1.378 - 1.398	17.240	AS3622-9-31	1.938	2.059	3.066 - 3.086	29.906
AS3622-9-05	.312	.433	1.440 - 1.460	17.709	AS3622-9-32	2.000	2.121	3.128 - 3.148	30.375
AS3622-9-06	.375	.496	1.503 - 1.523	18.178	AS3622-9-33	2.062	2.183	3.190 - 3.210	30.844
AS3622-9-07	.438	.559	1.566 - 1.586	18.647	AS3622-9-34	2.125	2.246	3.253 - 3.273	31.313
AS3622-9-08	.500	.621	1.628 - 1.648	19.116	AS3622-9-35	2.188	2.309	3.316 - 3.336	31.782
AS3622-9-09	.562	.683	1.690 - 1.710	19.585	AS3622-9-36	2.250	2.371	3.378 - 3.398	32.251
AS3622-9-10	.625	.746	1.753 - 1.773	20.055	AS3622-9-37	2.312	2.433	3.440 - 3.460	32.720
AS3622-9-11	.688	.809	1.816 - 1.836	20.524	AS3622-9-38	2.375	2.496	3.503 - 3.523	33.189
AS3622-9-12	.750	.871	1.878 - 1.898	20.993	AS3622-9-39	2.438	2.599	3.566 - 3.586	33.659
AS3622-9-13	.812	.933	1.940 - 1.960	21.462	AS3622-9-40	2.500	2.621	3.628 - 3.648	34.128
AS3622-9-14	.875	.996	2.003 - 2.023	21.931	AS3622-9-41	2.562	2.683	3.690 - 3.710	34.597
AS3622-9-15	.938	1.059	2.066 - 2.086	22.400	AS3622-9-42	2.625	2.746	3.753 - 3.773	35.066
AS3622-9-16	1.000	1.121	2.128 - 2.148	22.869	AS3622-9-43	2.688	2.809	3.816 - 3.836	35.534
AS3622-9-17	1.062	1.183	2.190 - 2.210	23.338	AS3622-9-44	2.750	2.871	3.878 - 3.898	36.004
AS3622-9-18	1.125	1.246	2.253 - 2.273	23.807	AS3622-9-45	2.812	2.933	3.940 - 3.960	36.473
AS3622-9-19	1.188	1.309	2.316 - 2.336	24.276	AS3622-9-46	2.875	2.996	4.003 - 4.023	36.942
AS3622-9-20	1.250	1.371	2.378 - 2.398	24.746	AS3622-9-47	2.938	3.059	4.066 - 4.086	37.411
AS3622-9-21	1.312	1.433	2.440 - 2.460	25.215	AS3622-9-48	3.000	3.121	4.128 - 4.148	37.880
AS3622-9-22	1.375	1.496	2.503 - 2.523	25.684	AS3622-9-49	3.062	3.183	4.190 - 4.210	38.350
AS3622-9-23	1.438	1.559	2.566 - 2.586	26.153	AS3622-9-50	3.125	3.246	4.253 - 4.273	38.819
AS3622-9-24	1.500	1.621	2.628 - 2.648	26.622	AS3622-9-51	3.188	3.309	4.316 - 4.336	39.288
AS3622-9-25	1.562	1.683	2.690 - 2.710	27.091	AS3622-9-52	3.250	3.371	4.378 - 4.398	39.757
AS3622-9-26	1.625	1.746	2.753 - 2.773	27.560	AS3622-9-53	3.312	3.433	4.440 - 4.460	40.226
AS3622-9-27	1.688	1.809	2.816 - 2.836	28.029	AS3622-9-54	3.375	3.496	4.503 - 4.523	40.695
AS3622-9-28	1.750	1.871	2.878 - 2.898	28.498	AS3622-9-55	3.438	3.559	4.566 - 4.586	41.164
AS3622-9-29	1.812	1.933	2.940 - 2.960	28.968	AS3622-9-56	3.500	3.621	4.628 - 4.648	41.633
AS3622-9-30	1.875	1.996	3.003 - 3.023	29.437					



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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
AS3622-10-05	.312	.433	1.527 - 1.547	23.860	AS3622-10-31	1.938	2.059	3.153 - 3.235	38.916
AS3622-10-06	.375	.496	1.590 - 1.610	24.439	AS3622-10-32	2.000	2.121	3.215 - 3.235	39.495
AS3622-10-07	.438	.559	1.653 - 1.673	25.018	AS3622-10-33	2.062	2.183	3.277 - 3.297	40.074
AS3622-10-08	.500	.621	1.715 - 1.735	25.597	AS3622-10-34	2.125	2.246	3.340 - 3.360	40.653
AS3622-10-09	.562	.683	1.777 - 1.797	26.176	AS3622-10-35	2.188	2.309	3.403 - 3.423	41.232
AS3622-10-10	.625	.746	1.840 - 1.860	26.755	AS3622-10-36	2.250	2.371	3.465 - 3.485	41.812
AS3622-10-11	.688	.809	1.903 - 1.923	27.3345	AS3622-10-37	2.312	2.433	3.527 - 3.547	42.391
AS3622-10-12	.750	.871	1.965 - 1.985	27.914	AS3622-10-38	2.375	2.496	3.590 - 3.610	42.970
AS3622-10-13	.812	.933	2.027 - 2.047	28.493	AS3622-10-39	2.438	2.599	3.653 - 3.673	43.549
AS3622-10-14	.875	.996	2.090 - 2.110	29.072	AS3622-10-40	2.500	2.621	3.715 - 3.735	44.128
AS3622-10-15	.938	1.059	2.153 - 2.173	29.651	AS3622-10-41	2.562	2.683	3.777 - 3.797	44.707
AS3622-10-16	1.000	1.121	2.215 - 2.235	30.230	AS3622-10-42	2.625	2.746	3.840 - 3.860	45.286
AS3622-10-17	1.062	1.183	2.277 - 2.297	30.809	AS3622-10-43	2.688	2.809	3.903 - 3.923	45.865
AS3622-10-18	1.125	1.246	2.340 - 2.360	31.388	AS3622-10-44	2.750	2.871	3.965 - 3.985	46.444
AS3622-10-19	1.188	1.309	2.403 - 2.423	31.967	AS3622-10-45	2.812	2.933	4.027 - 4.047	47.024
AS3622-10-20	1.250	1.371	2.465 - 2.485	32.546	AS3622-10-46	2.875	2.996	4.090 - 4.110	47.603
AS3622-10-21	1.312	1.433	2.527 - 2.547	33.125	AS3622-10-47	2.938	3.059	4.153 - 4.173	48.182
AS3622-10-22	1.375	1.496	2.590 - 2.610	33.704	AS3622-10-48	3.000	3.121	4.215 - 4.235	48.761
AS3622-10-23	1.438	1.559	2.653 - 2.673	34.283	AS3622-10-49	3.062	3.183	4.277 - 4.297	49.340
AS3622-10-24	1.500	1.621	2.715 - 2.735	34.862	AS3622-10-50	3.125	3.246	4.340 - 4.360	49.919
AS3622-10-25	1.562	1.683	2.777 - 2.797	35.442	AS3622-10-51	3.188	3.309	4.403 - 4.423	50.498
AS3622-10-26	1.625	1.746	2.840 - 2.860	36.021	AS3622-10-52	3.250	3.371	4.465 - 4.485	51.077
AS3622-10-27	1.688	1.809	2.903 - 2.923	36.600	AS3622-10-53	3.312	3.433	4.527 - 4.547	51.656
AS3622-10-28	1.750	1.871	2.965 - 3.047	37.179	AS3622-10-54	3.375	3.496	4.590 - 4.610	52.235
AS3622-10-29	1.812	1.933	3.027 - 3.110	37.758	AS3622-10-55	3.438	3.559	4.653 - 4.673	52.814
AS3622-10-30	1.875	1.996	3.090 - 3.173	38.337	AS3622-10-56	3.500	3.621	4.715 - 4.735	53.384