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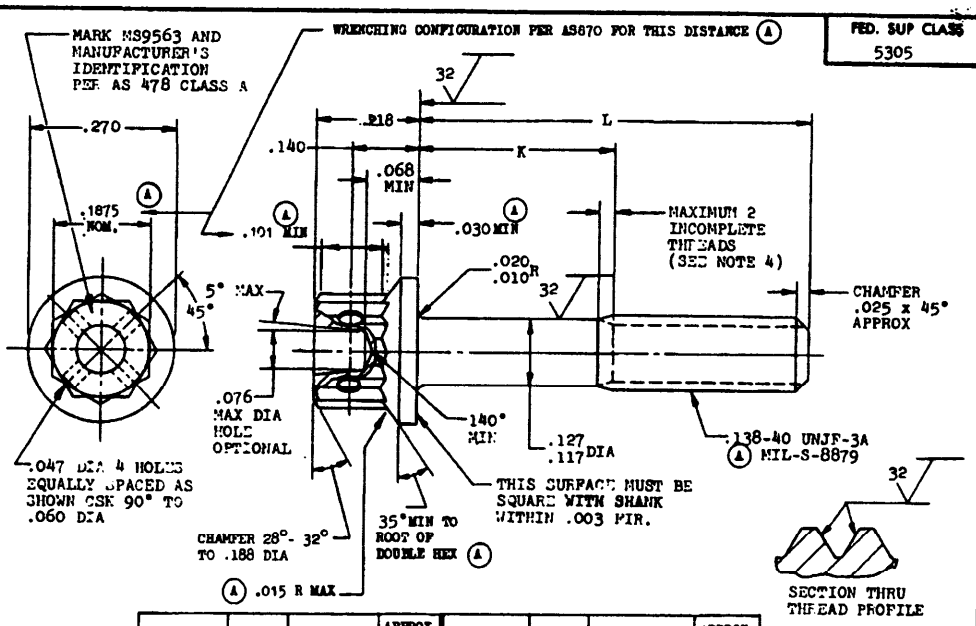
MS9563

FED. SUP CLASS 5305



PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100
(A) MS9563-01	.188	.058-.078	.276	MS9563-16	1.125	.539- .599	.605
MS9563-02	.250	.058-.078	.297	MS9563-17	1.188	.602- .662	.627
MS9563-03	.312	.058-.078	.318	MS9563-18	1.250	.664- .724	.649
MS9563-04	.375	.058-.078	.340	MS9563-19	1.312	.726- .786	.671
MS9563-05	.438	.058-.078	.363	MS9563-20	1.375	.789- .849	.693
MS9563-06	.500	.058-.078	.386	MS9563-21	1.438	.852- .912	.715
MS9563-07	.562	.058-.078	.406	MS9563-22	1.500	.914- .974	.737
MS9563-08	.625	.058-.099	.429	MS9563-23	1.562	.976-1.036	.759 (A)
MS9563-09	.688	.102-.162	.451	MS9563-24	1.625	1.039-1.099	.781
MS9563-10	.750	.164-.224	.473	MS9563-25	1.688	1.102-1.162	.803
MS9563-11	.812	.226-.286	.495	MS9563-26	1.750	1.164-1.224	.825
MS9563-12	.875	.289-.349	.517	MS9563-27	1.812	1.226-1.286	.847
MS9563-13	.938	.352-.412	.539	MS9563-28	1.875	1.289-1.349	.869
MS9563-14	1.000	.414-.474	.561	MS9563-29	1.938	1.352-1.412	.891
MS9563-15	1.062	.476-.536	.583	MS9563-30	2.000	1.414-1.474	.913

1. SHANK SHALL BE STRAIGHT WITHIN .003 TOTAL PER INCH OF SCREW LENGTH. (A)
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .004 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
6. MANUFACTURING SPECIFICATION: AMS 7477.
7. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
8. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD. (A)
9. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSION IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
11. DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION (A).

APPROVED 16 Dec 65 REVISED (A) 17 Nov 69

User activities:

Review activities: USAF - 82, 85 Army - MC

P.A. USAF - 11 (A) Other Cust Navy - AS Army - AV	TITLE (A) SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, AMS 5731, .138-40 UNJF-3A	MILITARY STANDARD MS9563
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U. S. GOVERNMENT PRINTING OFFICE: 1970-393-093/S-3774

This military standard is approved by the Department of Defense and is mandatory for all activities. Suggestions for improvements in engineering and design applications and for repetitive uses shall be made from this document.