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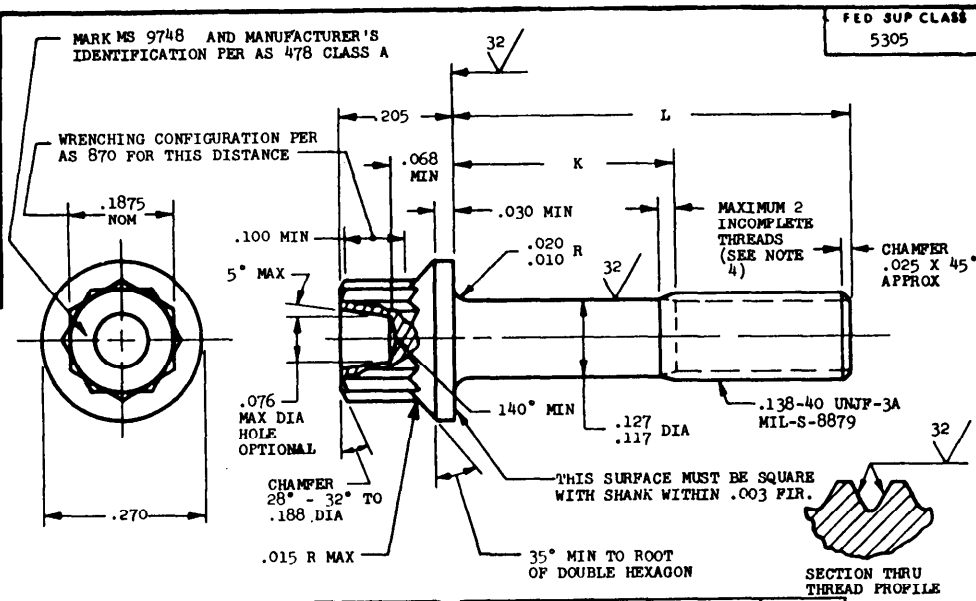
MS9748 (ASG)

FED SUP CLASS 5305



PART NO.	L	K	APPROX WEIGHT LB/100
MS9748-01	.188	.058-.078	.153
MS9748-02	.250	.058-.078	.164
MS9748-03	.312	.058-.078	.175
MS9748-04	.375	.058-.078	.187
MS9748-05	.438	.058-.078	.199
MS9748-06	.500	.058-.078	.210
MS9748-07	.562	.058-.078	.222
MS9748-08	.625	.058-.099	.233
MS9748-09	.688	.102-.162	.245
MS9748-10	.750	.164-.224	.257
MS9748-11	.812	.226-.286	.268
MS9748-12	.875	.289-.349	.280

PART NO.	L	K	APPROX WEIGHT LB/100
MS9748-13	.938	.352-.412	.291
MS9748-14	1.000	.414-.474	.303
MS9748-15	1.062	.476-.536	.315
MS9748-16	1.125	.539-.599	.326
MS9748-17	1.188	.602-.662	.338
MS9748-18	1.250	.664-.724	.349
MS9748-19	1.312	.726-.786	.361
MS9748-20	1.375	.789-.849	.373
MS9748-21	1.438	.852-.912	.384
MS9748-22	1.500	.914-.974	.396

1. SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF SCREW LENGTH.
2. THE RUNOUT OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE RUNOUT 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: TITANIUM AMS 4967.
6. HARDNESS: ROCKWELL C36-42.
7. MANUFACTURING SPECIFICATION: AMS 7461, EXCEPT MATERIAL AS NOTED.
8. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
9. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
10. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
11. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.
12. 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 DIV.

APPROVED 3 Mar 69 REVISED

P.A. USAF-11 Other Cust Navy-AS	TITLE: SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, TITANIUM AMS 4967 .138-40 UNJF-3A	MILITARY STANDARD MS9748 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. 5305 - F015

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Review activities: USAF - 82, 85

This military standard is approved by the Department of the Air Force and the Naval Air Systems Command and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.