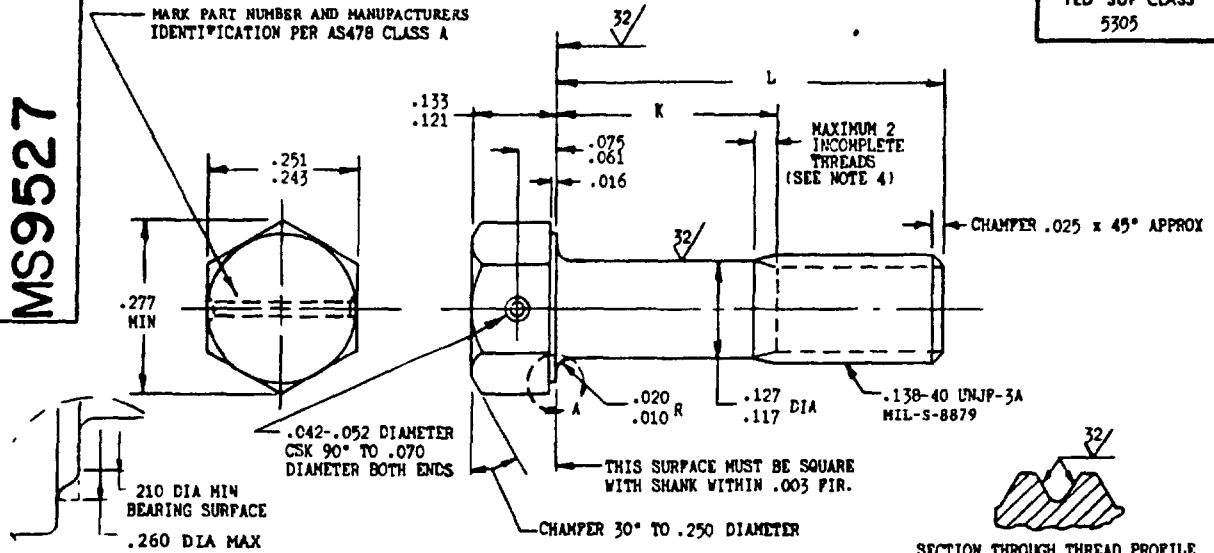


MS9527MARK PART NUMBER AND MANUFACTURERS
IDENTIFICATION PER AS478 CLASS AFED SUP CLASS
5305VIEW A
ENLARGED

SECTION THROUGH THREAD PROFILE

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9527-02	.250	.058-.078	.25				
MS9527-03	.312	.058-.078	.27				
MS9527-04	.375	.058-.078	.30				
MS9527-05	.438	.058-.078	.32				
MS9527-06	.500	.058-.078	.34				
MS9527-07	.562	.058-.078	.37				
MS9527-08	.625	.058-.099	.39				
MS9527-09	.688	.102-.162	.42				
MS9527-10	.750	.164-.224	.44				
MS9527-11	.812	.226-.286	.46				
MS9527-12	.875	.289-.349	.49				
MS9527-13	.938	.352-.412	.51				
MS9527-14	1.000	.414-.474	.53				
MS9527-15	1.062	.476-.536	.56				
MS9527-16	1.125	.539-.599	.58				
MS9527-17	1.188	.602-.662	.61				
MS9527-18	1.250	.664-.724	.63				
MS9527-19	1.312	.726-.786	.65				
MS9527-20	1.375	.789-.849	.68				
MS9527-21	1.438	.852-.912	.70				
MS9527-22	1.500	.914-.974	.72				

- SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF BOLT LENGTH.
- THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .009 FIR.
- INCOMPLETE THREADS NOT TO ENTER PILLET
- MATERIAL STEEL AMS 6322.
- HARDNESS ROCKWELL C26-32.
- FINISH CADMIUM PLATE PER AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
- MAGNETIC PARTICLE INSPECTION PER AMS 2640.
- MANUFACTURING SPECIFICATION AMS 7452 EXCEPT HEAD MUST BE UPSET.
- SURFACE TEXTURE USAS B46 1-1962 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES, EXCEPT HEXAGON
- BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. TOLERANCES LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
- DO NOT USE UNASSIGNED PART NUMBERS.

CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASSOC AIR STD 27/2 WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICES SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC PUBLICATIONS

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE S A E AEROSPACE PROPULSION DIVISION.

PA AS Other Cust AV 99	INTERNATIONAL INTEREST	TITLE SCREW, MACHINE-STEEL AMS 6322, CADMIUM PLATE, DRILLED, 1 HOLE, HEXAGON HEAD, .138-40 UNJP-3A	MILITARY STANDARD MS9527
PROCUREMENT SPECIFICATION	SUPERSEDES	PAGE 1 OF 1	

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

Reviewer activities:
AIR FORCE - 82
DLA - IS

APPROVED 2 Feb 1968
REVISED 21 DEC 83 27 JUN 84