

This standard has been approved by the Department of the Air Force (AFBC) and the Department of the Navy and is mandatory for use by that activity. All other military activities are required to comply with this standard where applicable.

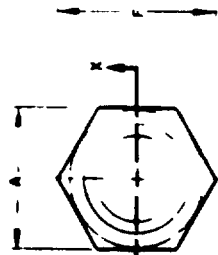
Review activities USAF-82

MS9553

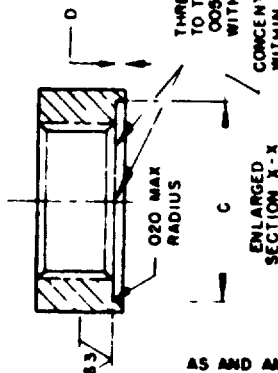
MARK PART NO. AND MFR IDENT PER AS 478 CLASS C (SEE NOTE 1)

CSK 110° TO N BOTH SIDES
THREAD T ML-S-8879

15° CHAMFER TO M -
BOTH SIDES



THREAD PD SHALL BE SQUARE
TO THESE SURFACES WITHIN
OOS FIR AND CONCENTRIC
WITH HEX WITHIN OIO FIR
CONCENTRIC WITH THREAD PD
WITHIN OOS FIR



AS AND AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC PUBLICATIONS

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PROPULSION DIVISION

P A USAF-11 Other Cost Navy-AS	TITLE NUT-HEX, BOSS CONNECTION, CRES	MILITARY STANDARD MS9553
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET OF

PART NO.	NOMINAL TUNE OD	THREAD T	A	B	C DIA ± .005	D ± .005	F MIN	M DIA	N DIA	APPROX WEIGHT LB/100
MS9553-02	125	3125-24UNJF-3B	553-564	250	483	037	631	562	322	1 31
MS9553-03	188	375-24UNJF-3B	616-627	250	546	037	703	625	385	1 53
MS9553-04	250	4375-20UNJF-3B	678-690	281	608	042	775	688	448	2 01
MS9553-05	312	500-20UNJF-3B	741-752	281	670	042	846	750	510	2 25
MS9553-06	375	5625-18UNJF-3B	803-814	297	733	042	916	812	572	2 46
MS9553-07	438	625-18UNJF-3B	865-877	297	795	042	987	875	635	2 97
MS9553-08	500	750-16UNJF-3B	990-1 002	344	910	042	1 130	1 000	760	4 16
MS9553-09	562	8125-14UNJF-3B	1 052-1 064	344	983	042	1 200	1 062	822	4 46
MS9553-10	625	875-14UNJF-3B	1 114-1 127	391	1 045	054	1 271	1 125	885	5 55
MS9553-11	688	1 000-12UNJF-3B	1 301-1 314	438	1 210	054	1 484	1 312	1 010	8 92
MS9553-12	750	1 0625-12UNJF-3B	1 364-1 377	438	1 295	054	1 556	1 375	1 072	9 43
MS9553-14	875	1 1875-12UNJF-3B	1 489-1 502	438	1 417	054	1 699	1 500	1 196	10 60
MS9553-16	1 000	1 3125-12UNJF-3B	1 614-1 627	438	1 541	054	1 842	1 625	1 322	11 75
MS9553-18	1 125	1 500-12UNJF-3B	1 800-1 814	438	1 729	054	2 054	1 812	1 510	13 55
MS9553-20	1 250	1 625-12UNJF-3B	1 928-1 940	438	1 854	054	2 198	1 938	1 635	14 87
MS9553-24	1 500	1 875-12UNJF-3B	2 176-2 190	438	2 104	054	2 483	2 188	1 845	17 67
MS9553-28	1 750	2 250-12UNJF-3B	2 549-2 564	438	2 478	054	2 908	2 562	2 260	21 58
MS9553-32	2 000	2 500-12UNJF-3B	2 799-2 814	438	2 728	054	3 194	2 812	2 510	24 53

- MULTIPLE MARKING OF BAR STOCK IS PERMISSIBLE PROVIDED POSITIVE IDENTIFICATION IS SHOWN PARTS SHALL BE MARKED
- BEFORE THREADING DASH NUMBERS MAY APPEAR ON ADJACENT FLATS
- MATERIAL CORROSION RESISTANT STEEL AMS 5634
- CLEANING FINISHED PARTS SHALL BE DECREASED AND IMMERSED FOR NOT LESS THAN 20 MINUTES IN A SOLUTION OF NITRIC ACID (8P GR 1.42) AND 9 VOLUMES OF WATER AT ROOM TEMPERATURE
- SURFACE TEXTURE: MAX 846.1-1942, UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT HEX FACES.
- BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°
- DO NOT USE UNASSIGNED PART NUMBERS

APPROVED 16 Mar 70 REVISED