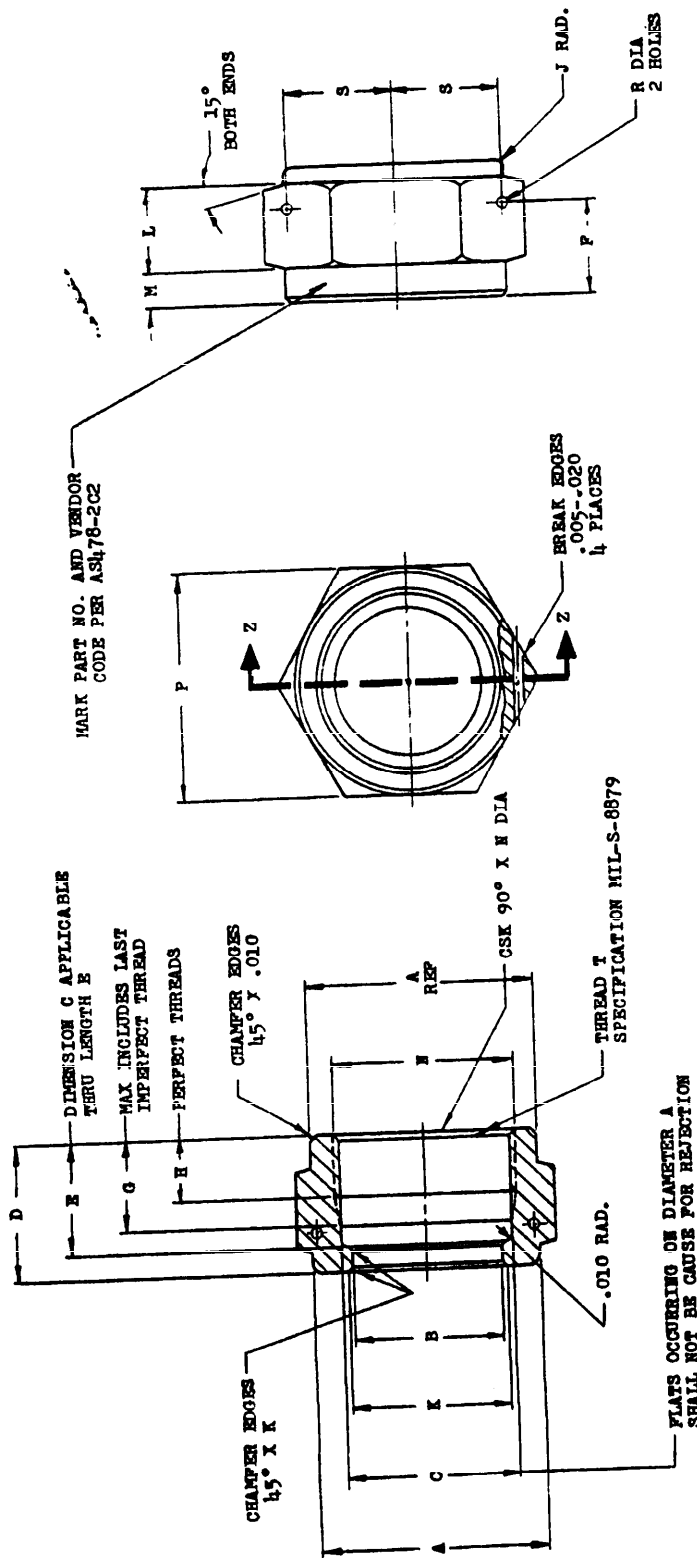


FED. SUP CLASS
4730

NOTES:

1. ALL DIAMETERS MUST BE CONCENTRIC WITH EACH OTHER WITHIN .005 TIR.
2. BREAK SHARP EDGES .005-.015 AND REMOVE ALL BURRS.
3. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .010$, ANGLES $\pm 5^\circ$.
4. SURFACE ROUGHNESS: PER MIL-STD-10 NOT TO EXCEED 63/ UNLESS OTHERWISE SPECIFIED.
5. MATERIAL: CORROSION RESISTANT STEEL AMS 5639.
6. PASSIVATION: A.) DECREASE.
B.) IMMERSE FOR NOT LESS THAN 20 MINUTES IN A SOLUTION OF 1 VOLUME OF NITRIC ACID (SP OR 1.42) AND 9 VOLUMES OF WATER AT ROOM TEMPERATURE.

This standard has been approved by the BUREAU OF NAVAL WEAPONS
Department of the NAVY and is mandatory for use by
that activity. All other military activities are required
to employ this standard where suitable.

P.A. Other Cust	TITLE NUT, WIRE RETAINED, SWIVEL SAFETY WIRE HOLES, HOSE FITTING AMS 5639 CRES STEEL	MILITARY STANDARD MS18079 (WP)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 2

FED. SUP CLASS
4730

PART NO.	A	B	C	D	E	F	G	H	J	K	L
MS18079-03	.437 .427	.245 .242	.3413 .3340	.594	.506	.437	.407	.282	.031	.005	.375
MS18079-04	.562 .552	.308 .305	.3972 .3890	.609	.532	.454	.450	.500	.031	.005	.406
MS18079-05	.625 .615	.377 .374	.4589 .4510	.672	.579	.493	.481	.331	.031	.005	.484
MS18079-06	.687 .677	.443 .440	.5162 .5080	.719	.603	.500	.500	.333	.047	.010	.500
MS18079-08	.875 .865	.573 .570	.6974 .6890	.844	.723	.594	.563	.375	.047	.010	.578
MS18079-10	1.000 .990	.701 .698	.8111 .8050	.969	.817	.693	.675	.461	.047	.010	.688
MS18079-12	1.250 1.240	.837 .834	.9885 .9810	1.016	.868	.750	.719	.469	.062	.010	.750
MS18079-16	1.500 1.490	1.092 1.089	1.2385 1.2310	1.125	.962	.825	.813	.563	.078	.010	.766
MS18079-20	2.000 1.990	1.350 1.347	1.5515 1.5440	1.219	1.017	.853	.813	.563	.094	.010	.766
MS18079-24	2.250 2.240	1.620 1.617	1.8015 1.7940	1.406	1.170	.978	.911	.661	.094	.010	.875

PART NO.	M	N	P	R	S	THREAD T MIL-S-8879	WEIGHT MAX LBS
MS18079-03	.141	.375	.500	.045	.227	.3750-24 UNP-3B MOD	.013
MS18079-04	.125	.438	.563	.060	.260	.4375-20 UNP-3B MOD	.025
MS18079-05	.125	.500	.625	.070	.281	.5000-20 UNP-3B MOD	.032
MS18079-06	.156	.562	.688	.070	.313	.5625-18 UNP-3B MOD	.040
MS18079-08	.156	.750	.875	.070	.406	.7500-16 UNP-3B MOD	.063
MS18079-10	.172	.875	1.000	.070	.473	.8750-14 UNP-3B MOD	.091
MS18079-12	.125	1.062	1.250	.070	.594	1.0625-12 UNP-3B MOD	.158
MS18079-16	.219	1.312	1.500	.070	.741	1.3125-12 UNP-3B MOD	.220
MS18079-20	.312	1.625	2.000	.070	.963	1.6250-12 UNP-3B MOD	.505
MS18079-24	.359	1.875	2.250	.070	1.098	1.8750-12 UNP-3B MOD	.670

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Department of the NAVY and is mandatory for use by
all military activities are required
to employ this standard where suitable.

P.A. Other Cust	TITLE NUT, WIRE RETAINED, SWIVEL SAFETY WIRE HOLES, HOSE FITTING AMS 5639 ORRS STEEL	MILITARY STANDARD MS18079 (WP)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 2 OF 2

APPROVED 26 April 1965 REVISED