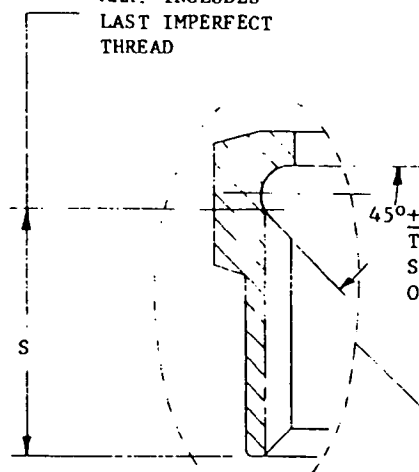


AS 1790

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MAX. INCLUDES
LAST IMPERFECT
THREAD

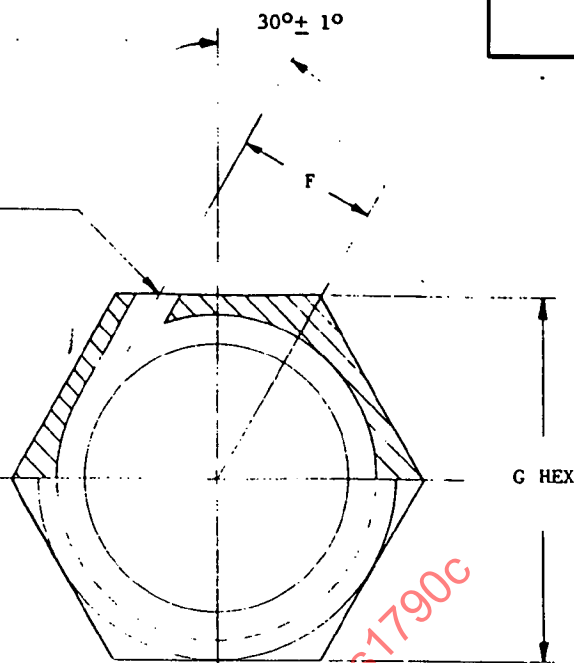


45° ± 2° CHAMFER
TANGENT TO H RAD FOR
SIZES -04 THRU -12
ONLY

MIN PERFECT THREADS L

.010 MAX x 45°
BREAK

E DIA TO
DEPTH R



G HEX

K DIA

J DIA

15° TO C DIA
BOTH SIDES

H RAD

U RAD MIN

B

45°

D DIA

C DIA

THREAD T

LIST OF CURRENT SHEETS

SHEET	1	2	3
Rev.	C	C	B

SHEET COMPLETELY REVISED

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT: MIL-F-18280

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space

400 Commonwealth Drive
Warrendale, PA 15096

AEROSPACE STANDARD

NUT - SWIVEL
WIRED ON, LIGHTWEIGHT

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SHEET 1 OF 3

NOTE: Angular tolerances are $\pm 5^\circ$ unless otherwise specified.

TUBE SIZE	T THREAD PER MIL-S-8879	A $\pm .010$	B $\pm .010$	C $\pm .010$ $-.000$	D $\pm .020$ $-.000$	E $\pm .005$	F $\pm .005$	G HEX	H RAD $\pm .001$
-04	.4375-20UNJF-3B	.615	.304	.519	.446	.077	.194	.562	.038
-05	.5000-20UNJF-3B	.687	.376	.582	.509	.086	.224	.625	.043
-06	.5625-18UNJF-3B	.718	.407	.644	.571	.086	.252	.688	.043
-08	.7500-16UNJF-3B	.843	.500	.837	.759	.101	.341	.875	.050
-10	.8750-14UNJF-3B	.968	.625	.963	.884	.101	.396	1.000	.050
-12	1.0625-12UNJ -3B	1.015	.640	1.172	1.072	.131	.485	1.250	.065
-16	1.3125-12UNJ -3B	1.125	.750	1.422	1.322	.131	.610	1.500	.065
-20	1.6250-12UNJ -3B	1.168	.778	1.735	1.635	.131	.766	1.812	.065

TUBE SIZE	J DIAMETER	K $\pm .005$	L MIN	P $\pm .004$	R $\pm .015$	S MAX	U Rad Min.
-04	.3970/ .3888	.461	.404	.500	.235	.500	.060
-05	.4591/ .4513	.531	.402	.550	.255	.542	.060
-06	.5166/ .5084	.588	.414	.573	.265	.569	.060
-08	.6977/ .6892	.781	.488	.660	.325	.647	.060
-10	.8152/ .8055	.896	.544	.762	.365	.727	.070
-12	.9914/ .9814	1.102	.550	.780	.465	.763	.085
-16	1.2414/1.2314	1.352	.563	.875	.535	.813	.115
-20	1.5539/1.5439	1.664	.589	.959	.735	.813	.115

SHEET COMPLETELY REVISED

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NUT - SWIVEL
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SHEET 2 OF 3