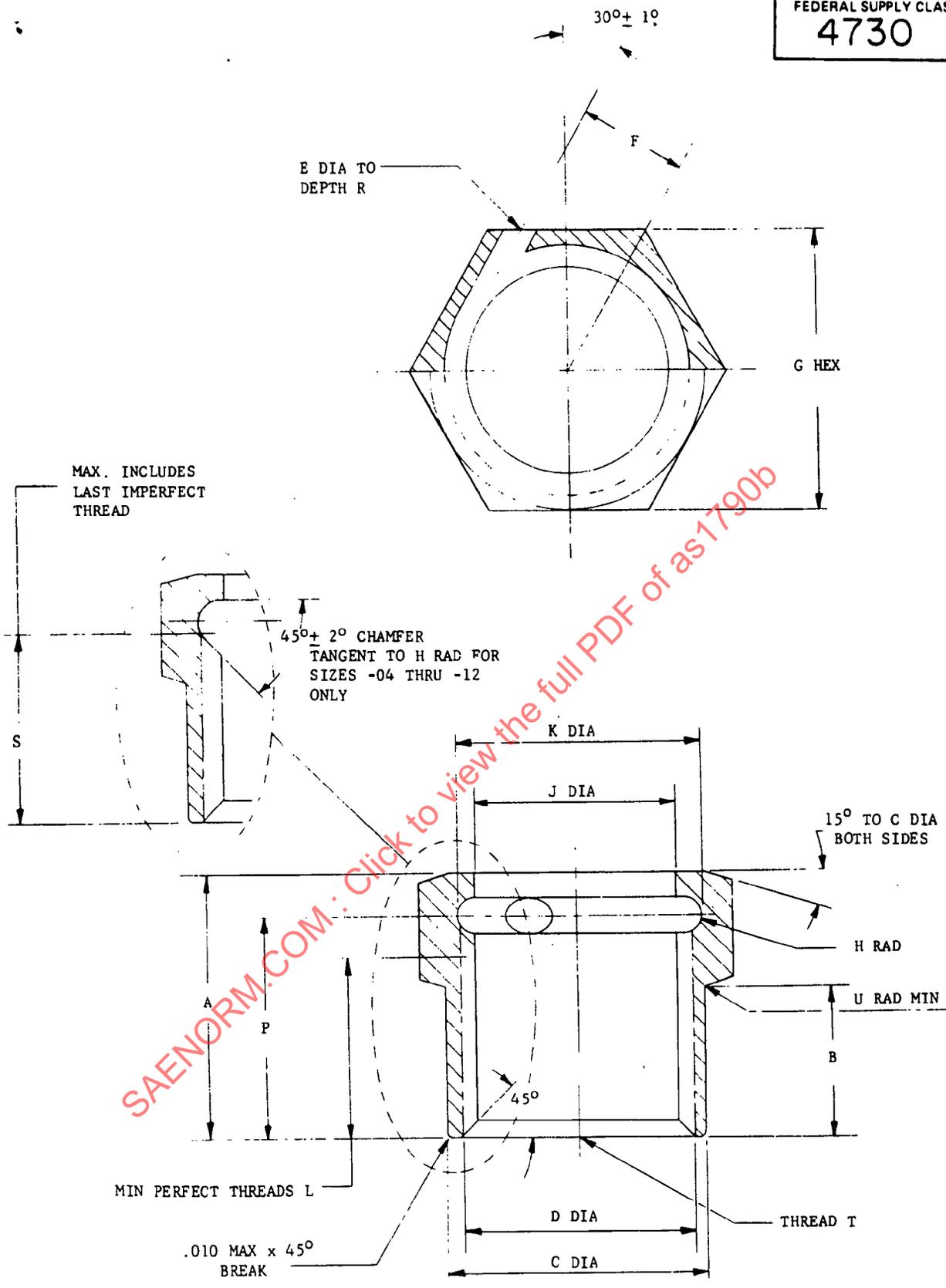


**AS 1790**

FEDERAL SUPPLY CLASS

**4730**

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LIST OF CURRENT SHEETS			
SHEET	1	2	3
Rev.	B	B	B

SHEET COMPLETELY REVISED

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT: MIL-F-18280

**SAE** The Engineering Resource For Advancing Mobility

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Warrendale, PA 15096

**AEROSPACE STANDARD**

NUT - SWIVEL  
WIRED ON, LIGHTWEIGHT

**AS 1790**

SHEET 1 OF 3

ISSUED March 1983 REVISED (A) May 1984 (B) October 1985

# AS 1790

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 $+ .010$ $- .000$	D $+ .020$ $- .000$	E $\pm .005$	F $\pm .005$	C 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	+ .005 .043
-08	.7500-16UNJF-3B	.843	.500	.837	.759	.101	.341	.875	- .010 .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	$\pm .016$ .065
-20	1.6250-12UNJ -3B	1.168	.778	1.735	1.635	.131	.766	1.812	$\pm .020$ .065

TUBE SIZE	J DIAMETER	$\pm .005$	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

## AEROSPACE STANDARD

NUT - SWIVEL  
WIRED ON, LIGHTWEIGHT

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SHEET 2 OF 3

ISSUED March 1983  
REVISED (A) May 1984 (B) October 1985