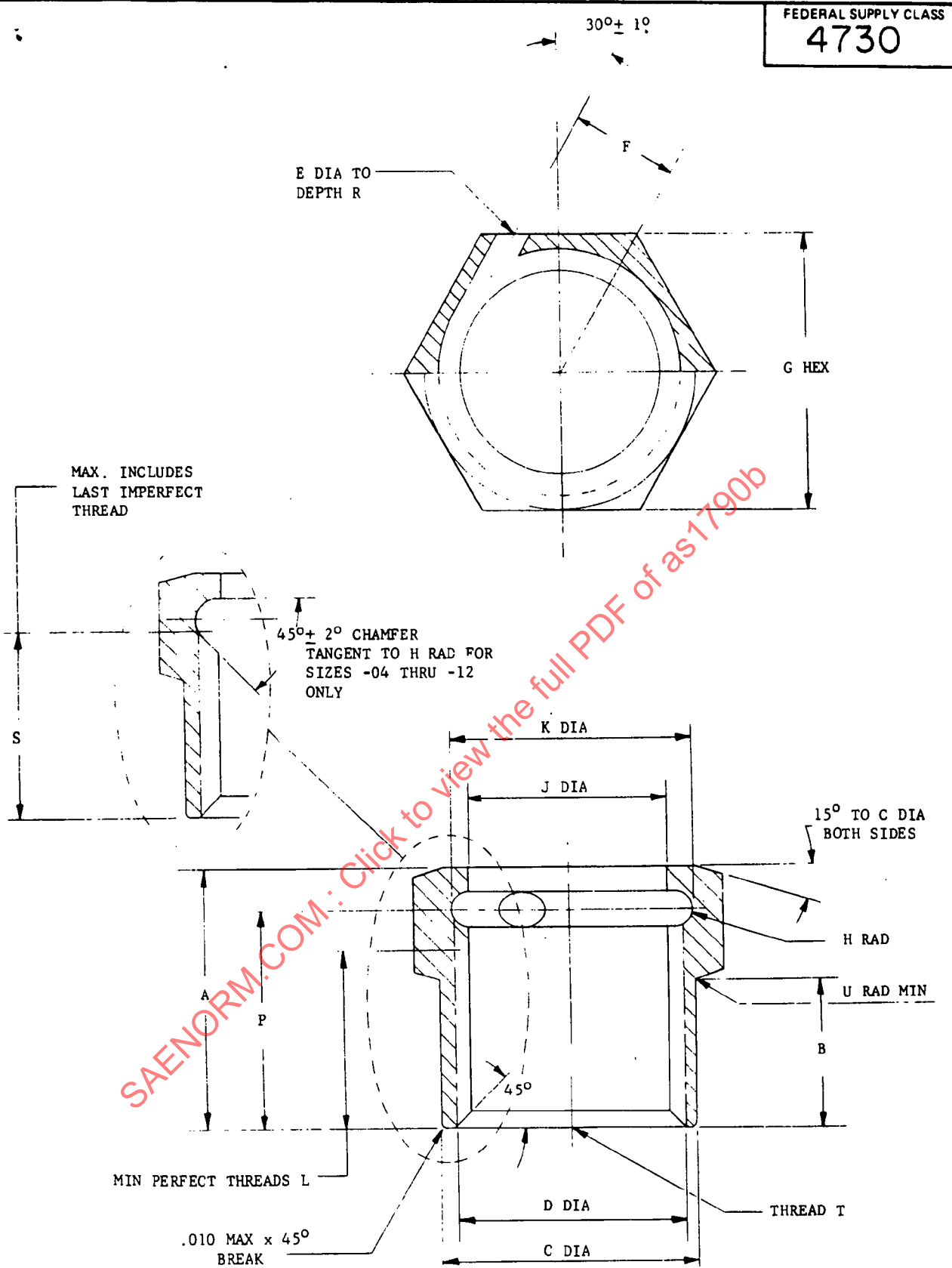


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SHEET COMPLETELY REVISED

| LIST OF CURRENT SHEETS |   |   |   |
|------------------------|---|---|---|
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| Rev.                   | B | B | B |

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT: MIL-F-18280

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400 Commonwealth Drive  
Warrendale, PA 15096

# AEROSPACE STANDARD

NUT - SWIVEL  
WIRED ON, LIGHTWEIGHT

**AS 1790**

SHEET 1 OF 3

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

| TUBE<br>SIZE | T THREAD<br>PER MIL-S-8879 | A<br>$\pm .010$ | B<br>$\pm .010$ | C<br>$+ .010$<br>$- .000$ | D<br>$+ .020$<br>$- .000$ | E<br>$\pm .005$ | F<br>$\pm .005$ | C<br>HEX | H RAD<br>$\pm .001$ |
|--------------|----------------------------|-----------------|-----------------|---------------------------|---------------------------|-----------------|-----------------|----------|---------------------|
| -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    | $\pm .016$          |
| -20          | 1.6250-12UNJ -3B           | 1.168           | .778            | 1.735                     | 1.635                     | .131            | .766            | 1.812    | $\pm .020$          |

| TUBE<br>SIZE | J<br>DIAMETER  | $\pm .005$ | L<br>MIN | P<br>$\pm .004$ | R<br>$\pm .015$ | S<br>MAX | U Rad<br>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          |

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