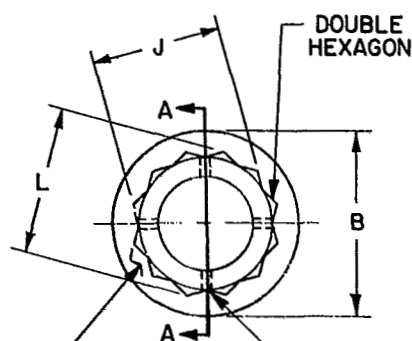


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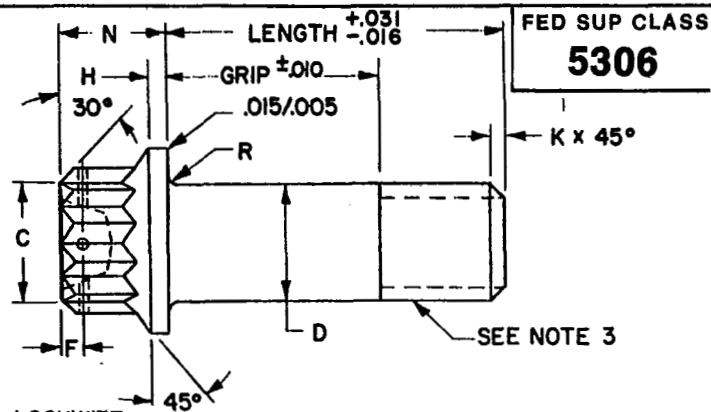
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THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT, AND SHALL BECOME EFFECTIVE FOR VENDOR MANUFACTURING NOT LATER THAN 6 MONTHS AFTER THE LATEST DATE OF APPROVAL SHOWN.

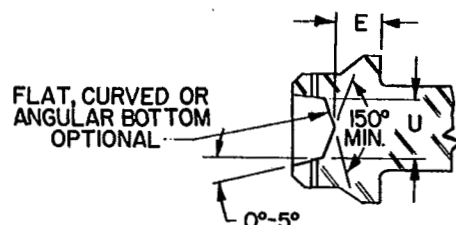


IDENTIFY PER
NAS1347, TYPE II

DRILL G DIA FOUR LOCKWIRE
HOLES WHEN DRILLED HEAD IS
SPECIFIED. OUTER PORTION OF
HOLES MUST BE FREE FROM BURRS
AND SHARP EDGES. (CSK OPTIONAL)



FED SUP CLASS
5306



SECTION A-A

TABLE I

FIRST DASH NO.	THREAD (UNJF-3A)	D DIA	B DIA +000 -010	C DIA +000 -015	E	F	G DIA +005 -000	H	J	L MIN	N	K +000 -010	R RAD	U
-4	1/4-28	.2495 .2490	.438	.312	.145	.062	.037	.069	.315 .306	.354	.300	.016	.041 .031	.170
-5	5/16-24	.3120 .3115	.531	.375	.172	.070	.055	.082	.377 .368	.425	.348	.031	.041 .031	.205
-6	3/8-24	.3745 .3740	.649	.437	.207	.070	.055	.091	.439 .430	.496	.388	.031	.057 .047	.250
-7	7/16-20	.4370 .4365	.750	.500	.238	.070	.055	.099	.503 .494	.570	.435	.031	.057 .047	.310
-8	1/2-20	.4995 .4990	.828	.562	.264	.094	.055	.123	.565 .556	.642	.504	.031	.057 .047	.370
-9	9/16-18	.5615 .5610	.938	.625	.297	.094	.055	.133	.628 .619	.714	.557	.047	.057 .047	.430
-10	5/8-18	.6240 .6235	1.050	.687	.337	.094	.055	.150	.691 .682	.787	.618	.047	.073 .063	.490
-12	3/4-16	.7490 .7485	1.230	.812	.390	.094	.055	.178	.817 .808	.932	.711	.047	.073 .063	.560
-14	7/8-14	.8740 .8735	1.438	.937	.448	.125	.055	.198	.943 .934	1.078	.808	.062	.073 .063	.640
-16	1-12	.9990 .9985	1.625	1.062	.503	.125	.055	.222	1.066 .1.056	1.219	.923	.062	.073 .063	.730
-18	1-1/8-12	1.1240 1.1230	1.875	1.250	.566	.125	.055	.258	1.255 1.245	1.437	1.051	.078	.073 .063	.830
-20	1-1/4-12	1.2490 1.2480	2.125	1.312	.646	.125	.055	.269	1.318 1.308	1.509	1.155	.078	.089 .077	.940

①

Inactive For New Design
After 1/30/81

INDEX OF CURRENT SHEETS

SHEET NO. REV. NO.

1	1
2	1
3	1

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED TOLERANCES: 3 PLACE = $\pm .010$, ANGLES = $\pm 5^\circ$

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION

NAS 1589

TITLE

BOLT

TENSION, 12 PT EXT WRENCHING, 1200°F

CLASSIFICATION
STANDARD PART

NAS 1586

SHEET 1 OF 3

Published and distributed by: National Standards Association, Inc.
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Bethesda, Md. 20816

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CODE: First dash number designates thread size as tabulated
Second dash number designates grip in sixteenths of an inch increments (as per Table II)
Add "H" between dash numbers for bolt with drilled head

PART NUMBER EXAMPLE: NAS1586 -8 -16

```

      |
      |----- Grip of one inch
      |
      |----- 1/2-20 Dia Bolt
      |
      |----- Basic Part Number
  
```

MATERIAL: Corrosion and heat resistant alloy, iron base (U-212) as per NAS1597, Cond F.

HEAT TREATMENT: 185,000 psi min at room temperature; 140,000 psi min at 1200°F as per NAS1597.

ROCKWELL HARDNESS: C40 to C46

FINISH: Clean and passivate in accordance with MIL-S-5002

- NOTES:**
1. Bolts shall be free from all hanging burrs and slivers which might become dislodged under usage.
 2. Grip to be measured to end of the full cylindrical portion of the shank.
 3. Thread per MIL-S-8879 except max major diameter shall be a min of .001 less than "D" min diameter.

Inactive For New Design
After 1/30/81

1

DIMENSIONS IN INCHES; UNLESS OTHERWISE SPECIFIED, TOLERANCES: 3 Place = $\pm .010$, Angles = $\pm 5^\circ$

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT SPECIFICATION	TITLE	CLASSIFICATION
		STANDARD PART
NAS1589	BOLT TENSION, 12 PT EXT WRENCHING, 1200°F	NAS 1586 SHEET 2

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