

FED. SUPPLY CLASS

5306

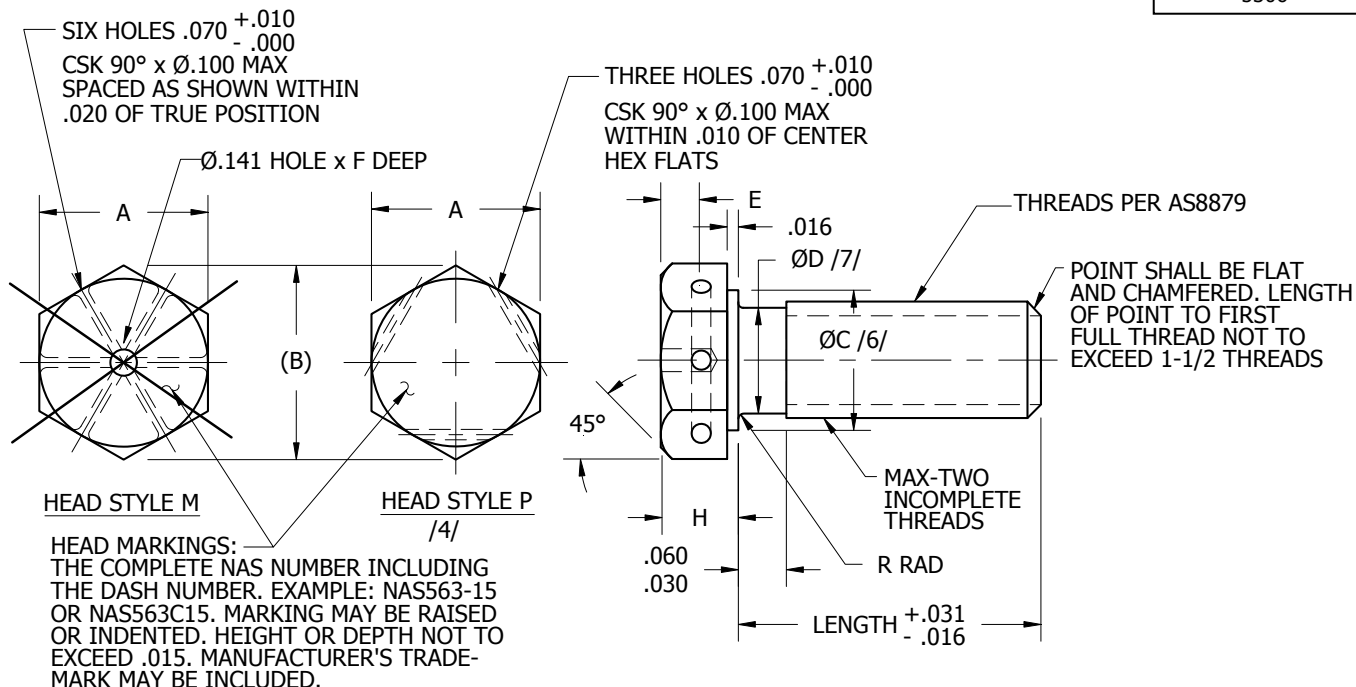


TABLE I – DIMENSIONS

BASIC NO.	THREAD UNJF-3A	A +.002 -.010	(B)	ØC MIN /6/	ØD /7/		E /8/ +.010 -.000	F STYLE M HEAD	H	R RAD		MIN ULT TENSILE STRENGTH LBF
					MAX	MIN				MIN	MAX	
NAS563	.1900-32	.375	.438	.335	.1900	.1670	.063	.125	.188	.010	.020	3,170
NAS564	.2500-28	.438	.500	.398	.2500	.2243	.063	.140	.219	.010	.020	5,790
NAS565	.3125-24	.500	.578	.460	.3125	.2827	.063	.140	.281	.010	.020	9,260
NAS566	.3750-24	.562	.656	.523	.3750	.3450	.141	.187	.281	.010	.025	14,000
NAS567	.4375-20	.625	.719	.610	.4375	.4019	.156	.219	.328	.010	.025	18,900
NAS568	.5000-20	.750	.875	.710	.5000	.4643	.188	.250	.375	.015	.030	25,500
NAS569	.5625-18	.875	1.016	.835	.5625	.5230	.219	.281	.422	.015	.030	32,400
NAS570	.6250-18	1.000	1.156	.985	.6250	.5854	.234	.281	.469	.020	.040	40,900
NAS572	.7500-16	1.125	1.297	1.110	.7500	.7056	.281	.344	.562	.020	.045	59,500

MATERIAL:

ALLOY STEEL PER PROCUREMENT SPECIFICATION.
A286 CRES PER AMS5737.

⑥ COMPLETELY REVISED

HEAD STYLE M INACTIVE FOR DESIGN AFTER JULY 1, 1990.
FOR DESCRIPTION OF STATUS NOTES SEE NAS380.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 6
PROCUREMENT SPECIFICATION NOTED	TITLE BOLT, FULL-THREADED, 160 KSI STEEL, DRILLED HEAD	CLASSIFICATION PART STANDARD
		NAS563 THRU NAS572 SHEET 1 OF 4

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST REVISION DATE.

FORM 12-01

REVISION DATE: NOVEMBER 30, 2012

ISSUE DATE: MARCH 1955

HEAT TREATMENT:

ALLOY STEEL: 160 TO 180 KSI PER AMS2759, 36-40 HRC.
A286 CRES: 160 KSI UTS MIN.

FINISH:

ALLOY STEEL: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. ~~/3/~~
A286 CRES: PASSIVATE PER AMS2700, METHOD 1, CLASS 4

CODE:

LAST DIGIT OF BASIC NUMBER INDICATES NOMINAL DIAMETER IN .0625 INCHES (NAS563 THRU NAS570).
DASH NUMBER INDICATES LENGTH IN .031 INCREMENTS. BOLTS ARE AVAILABLE IN .0625 LENGTH INCREMENTS ONLY. PARTS LONGER THAN SHOWN BELOW MAY BE OBTAINED BY PROJECTING ODD DASH NUMBERS.
MATERIAL AND FINISH:
NO CODE AFTER BASIC NUMBERS FOR ALLOY STEEL BOLT, CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. ~~/3/~~
ADD CODE LETTER "C" FOLLOWING BASIC NUMBER FOR A286 CRES BOLT.

EXAMPLES OF PART NUMBER:

NAS564-15 = BOLT, .2500 THREAD, .469 LENGTH, CADMIUM PLATED ALLOY STEEL.
NAS564C15 = BOLT, .2500 THREAD, .469 LENGTH, PASSIVATED A286 CRES.

NOTES:

- (1) REMOVE ALL BURRS AND SHARP EDGES.
- (2) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm .010$; ANGLES $\pm 5^\circ$
- ~~/3/ PARTS WITH CLASS 3 PLATING MAY BE FURNISHED FROM SUPPLIERS UNTIL 1 JAN 1974.~~
- /4/ HEAD STYLE P IS PREFERRED. HEAD STYLE M MAY BE USED UNTIL DEPLETION OF STOCK.
- (5) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- /6/ MAXIMUM "ØC" SHALL NOT EXCEED "A".
- /7/ THE DIAMETER OF THE UNTHREADED PORTION OF THE BOLT SHALL NOT BE LESS THAN THE MINIMUM PITCH DIAMETER NOR MORE THAN THE MAXIMUM MAJOR DIAMETER OF THE THREAD AS TABULATED ABOVE.
- /8/ "E" FOR HEAD STYLE P IS ONE-HALF OF "H".
- (9) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REVISION
6
NAS563 THRU NAS572
SHEET 2

⑥ COMPLETELY REVISED



Documents

Document Sharing Hub