

FED. SUPPLY CLASS

5305

CRUCIFORM RECESS PER NAS7100
#2 FOR -06
#3 FOR -3
#4 FOR BALANCE

MAX THREAD MINOR DIA $+.000$
 $-.010$

THREAD PER AS8879

POINT SHALL BE FLAT AND
CHAMFERED. CHAMFER AND
THREAD RELIEF SHALL NOT
EXCEED 2.5 PITCHES.

ØK WHEN SPECIFIED

MARK BASIC PART NO.,
FIRST DASH NO., MFG
IDENTIFICATION AND X
RAISED OR DEPRESSED
.010, LOCATION
OPTIONAL

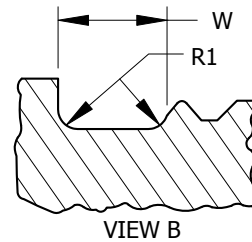
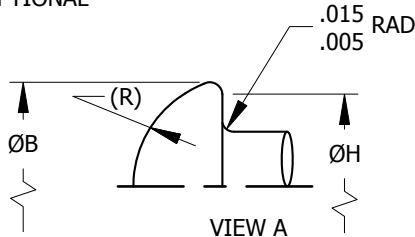
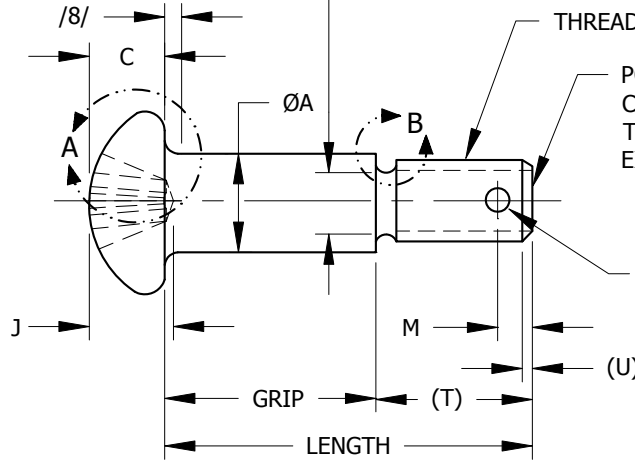


TABLE I – DIMENSIONS

FIRST DASH NO.	THREAD	ØA		ØB		C		ØH MIN	J		M ±.010	ØK +.010 -.000	(R)	(U)	(T)	W		R1 MAX
		MAX	MIN	MAX	MIN	MAX	MIN		MAX	MIN						MAX	MIN	
06	.1380-32 UNJC-3A	.189	.186	.385	.361	.118	.103	.331	.125	.115	—	—	.264	.016	.362	.062	.031	.020
3	.1900-32 UNJF-3A	.249	.246	.493	.464	.150	.133	.424	.164	.154	.163	.070	.320	.016	.362	.062	.031	.020
4	.2500-28 UNJF-3A	.312	.309	.601	.568	.183	.162	.518	.215	.205	.178	.076	.390	.018	.453	.071	.035	.023
5	.3125-24 UNJF-3A	.374	.371	.709	.671	.215	.191	.611	.245	.235	.181	.076	.460	.021	.498	.083	.042	.027
6	.3750-24 UNJF-3A	.437	.433	.817	.774	.248	.221	.706	.272	.262	.197	.106	.530	.021	.607	.083	.042	.027
7	.4375-20 UNJF-3A	.499	.495	.924	.877	.280	.250	.801	.298	.288	.201	.106	.600	.025	.629	.100	.050	.033

③ COMPLETELY REVISED

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

TITLE
SCREW, BRAZIER HEAD, SHOULDER

REVISION
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CLASSIFICATION
PART STANDARD

NAS1298
SHEET 1 OF 3



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MATERIAL:

ALLOY STEEL PER NASM7839, HEAT TREATED 125,000-145,000 PSI Ft_u WITH CONTROLS PER AMS2759.

FINISH:

CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2
PARTS WITH CLASS 3 PLATING MAY BE FURNISHED FROM SUPPLIER'S STOCK UNTIL 15 SEPT. 1977.

CODE:

FIRST DASH NUMBER INDICATES THREAD SIZE AS TABULATED
SECOND DASH NUMBER INDICATES GRIP LENGTH AS TABULATED
LETTER "D" BETWEEN DASH NUMBERS INDICATES DRILLED SHANK

EXAMPLE OF PART NUMBER:

NAS1298-5-10 = SCREW 5/16 THREAD. 3/8 SHANK DIAMETER, .635 GRIP LENGTH
NAS1298-5D10 = SCREW 5/16 THREAD, 3/8 SHANK DIAMETER, .635 GRIP LENGTH, DRILLED SHANK

NOTES:

- (1) DIMENSIONS IN INCHES.
- (2) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (3) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK DEPLETION.
- (4) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (5) DIMENSIONS APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (6) REMOVE ALL BURRS AND SHARP EDGES.
- (7) ROLLED OR CUT THREADS OPTIONAL.
- /8/ SHANK DIAMETER MAY BE .001 OVERSIZE FOR A MAXIMUM DISTANCE OF 1/32 ADJACENT TO THE HEAD.
- (9) HEADED BLANKS FOR NAS220 SERIES SCREWS MAY BE USED.
- /10/ SECOND DASH NUMBER INDICATES GRIP LENGTH IN .062 INCREMENTS +.010. ADDITIONAL INTERMEDIATE OR LONGER LENGTHS MAY BE SPECIFIED BY USE OF WHOLE DASH NUMBERS ONLY.
- (11) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION
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③ COMPLETELY REVISED



NAS1298-5
SHEET 2

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