

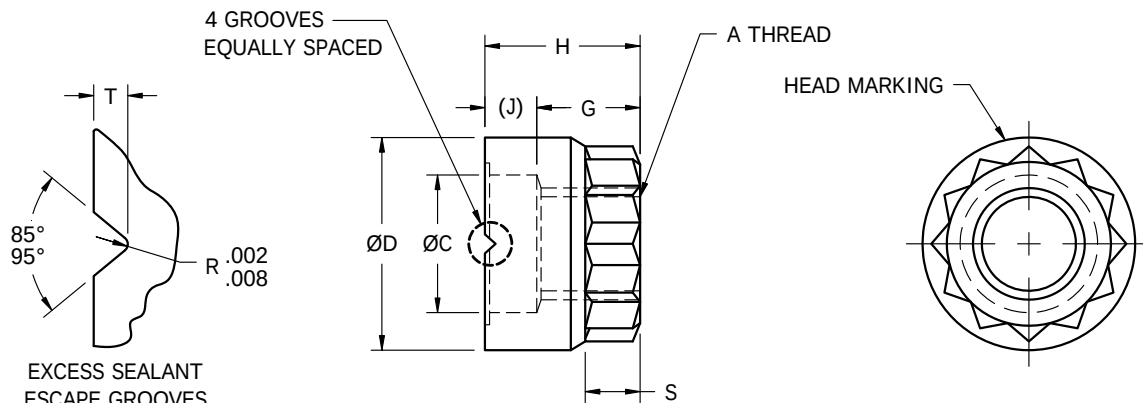


FIGURE 1 – EXCESS SEALANT ESCAPE GROOVES

TABLE I – DIMENSIONS

BASIC PART NUMBER	NOMINAL SIZE	A THREAD	ØC		ØD	G	H	(J)	T	S MIN	SOCKET WRENCH (12 POINT)
			ALUM	CRES & ALLOY STEEL							
NAS4445(/a/05)	.1640	.1640-32 UNJC-3B	.167 .171	.167 .171	.274 .268	.135 .145	.247 .262	.110	.010 .015	.062	7/32
NAS4445(/a/06)	.1900	.1900-32 UNJF-3B	.193 .197	.208 .213	.320 .312	.160 .170	.273 .288	.115	.011 .016	.075	1/4
NAS4445(/a/08)	.2500	.2500-28 UNJF-3B	.254 .258	.269 .274	.417 .409	.210 .220	.335 .350	.125	.014 .019	.100	11/32
NAS4445(/a/10)	.3125	.3125-24 UNJF-3B	.318 .322	.333 .338	.523 .516	.261 .271	.398 .413	.140	.018 .023	.125	7/16
NAS4445(/a/12)	.3750	.3750-24 UNJF-3B	.381 .385	.396 .401	.627 .620	.313 .323	.458 .473	.150	.022 .027	.150	1/2

/a/ MATERIAL. SEE CODE.

④ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 4
PROCUREMENT SPECIFICATION NAS4444	TITLE NUT, CRIMP, FOR CRIMPLOCK FASTENER SYSTEM	CLASSIFICATION PART STANDARD
		NAS4445 SHEET 1 OF 4

TABLE II – MATERIALS & FINISHES

BASIC PART NUMBER	MATERIAL (ALLOY AND SPECIFICATION)		THERMAL TREATMENT	FINISH	LUBT	FINISH COLOR
NAS4445S(/b/)	SAE 4027 /c/ PER ASTM A304 AISI 4130 /c/ PER AMS-S-6758 AISI 8740 /c/ PER MIL-S-6049 AMS6322, AMS6325, OR AMS6327		THERMAL TREATED AS REQUIRED TO MEET PROCUREMENT SPECIFICATION REQUIREMENTS	CADMIUM PLATE PER AMS-QQ-P-416 TYPE II, CLASS 2 (DICHROMATE POST TREATMENT)	NONE	GOLD
NAS4445C(/b/)	A286 CRES PER AMS5737 (AISI 660)		SOLUTION TREATED AS REQUIRED TO MEET PROCUREMENT SPECIFICATION REQUIREMENTS	PASSIVATE PER AMS2700, METHOD 1, CLASS 4	NONE	GRAY
NAS4445C(/b/)W				CADMIUM PLATE PER AMS-QQ-P-416 TYPE I, CLASS 2 (CLEAR DICHROMATE POST TREATMENT)	NONE	SILVER
NAS4445DD(/b/)	2024-H13	QQ-A-430	HEAT TREATMENT TEMPER -T62 PER AMS2770	ANODIZE PER MIL-A-8625, TYPE II	NONE	NATURAL

/b/ FIRST DASH NUMBER. SEE CODE.

/c/ MANUFACTURER'S OPTION PER PROCUREMENT SPECIFICATION.

CODE:

FIRST DASH NUMBER DESIGNATES THREAD SIZE IN .0312 INCREMENTS.
ADD "C" AFTER BASIC NUMBER FOR A286 CRES MATERIAL.
ADD "DD" AFTER BASIC NUMBER FOR 2024 ALUMINUM ALLOY MATERIAL.
ADD "S" AFTER BASIC NUMBER FOR 4027, 4130 OR 8740 ALLOY STEEL, CADMIUM PLATED.
ADD "W" AFTER FIRST DASH NUMBER FOR A286 CRES, CADMIUM PLATED (NUT ONLY).

EXAMPLES OF PART NUMBERS:

NAS4445C06 = A286 CRES, .1900-32 UNJF-3B THREAD
NAS4445C06W = A286 CRES, .1900-32 UNJF-3B THREAD, CADMIUM PLATED
NAS4445DD06 = 2024 ALUMINUM, .1900-32 UNJF-3B THREAD
NAS4445S06 = 4027, 4130 OR 8740 ALLOY STEEL, .1900-32 UNJF-3B THREAD, CADMIUM PLATED

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (2) FOR NUT-PIN SELECTION AND STRENGTH DATA, SEE TABLES III AND IV.
- (3) THREADS PER AS8879.
- (4) THIS PART INTENDED FOR USE WITH NAS4450, NAS4452, NAS4458 AND NAS4466 PINS.
- (5) SURFACE ROUGHNESS: UNLESS OTHERWISE SPECIFIED, 125 MICROINCHES RA PER ASME B46.1.
- (6) MANUFACTURER'S IDENTIFICATION, (LOCATION OPTIONAL) RAISED OR DEPRESSED .010 MAXIMUM FOR Ø.2500 AND LARGER, OPTIONAL FOR SMALLER SIZES.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REVISION

4

④ COMPLETELY REVISED



NAS4445
SHEET 2

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