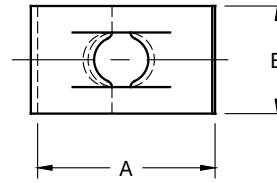


TYPICAL INSTALLATION



STANDARD DESIGN

FED. SUPPLY CLASS

5310

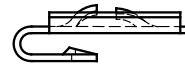
TYPE VARIATION FROM STANDARD DESIGN



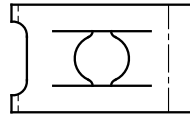
TYPE A
STRAIGHT UPPER LEG



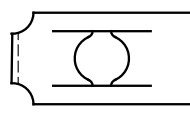
TYPE B
CORNERS TURNED UP



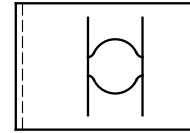
TYPE C
SIDES TURNED UP



TYPE E
RELIEF NOTCH



TYPE F
CORNERS CUT OFF



TYPE H
IMPRESSION ROTATED
90 DEGREES

TABLE I – DIMENSIONS

BASIC PART NUMBER	DESCRIPTION OF PART /1/	A	B	T ±.002	D	INSTALLATION DATA					WT LBS/1,000	
						SCREW /2/			P PANEL RANGE	C HOLE CENTER TO SHEET EDGE (MAX)		ØH PANEL HOLE
NAS488-1	STANDARD	.343	.312	.022	.156	6Z	G +	1/4	.032-.035	.156	.187	1.10
NAS488-2	A	.359	.312	.022	.187	6Z	G +	1/4	.041-.051	.156	.187	1.00
NAS488-3	A	.375	.312	.022	.187	6Z	G +	1/4	.032-.035	.156	.187	1.20
NAS488-4	C, F & H	.390	.500	.025	.187	6Z	G +	1/4	.028-.032	.187	.218	2.00
NAS488-5	F	.625	.375	.025	.312	6Z	G +	1/4	.094-.102	.250	.250	2.30
NAS488-6	B, E & H	.484	.500	.028	.218	8Z	G +	5/16	.025-.032	.250	.218	3.10
NAS488-7	B, E & H	.500	.500	.028	.218	8Z	G +	5/16	.040-.051	.250	.250	3.00
NAS488-8	E	.625	.437	.028	.281	8Z	G +	5/16	.032-.040	.281	.250	3.20
NAS488-9	F	.609	.500	.031	.281	10Z	G +	5/16	.064-.081	.296	.265	3.50
NAS488-10	E & H	.625	.625	.031	.265	10Z	G +	5/16	.040-.050	.343	.281	4.90
NAS488-11	A, E & H	.640	.687	.031	.250	10Z	G +	5/16	.032-.040	.343	.265	5.75

⑤ COMPLETELY REVISED

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	
MIL-N-3337, TYPE II	

CUSTODIAN	
NATIONAL AEROSPACE STANDARDS COMMITTEE	
TITLE	
NUT, J TYPE SHEET SPRING	⑤

REVISION	
5	
CLASSIFICATION PART STANDARD	
NAS488	
SHEET 1 OF 2	

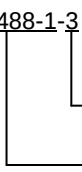
MATERIAL:

STEEL, TEMPERED.

FINISH:

"1" – PHOSPHATE TREATMENT PER TT-C-490, GRADE A AND ZINC CHROMATE PRIMER PER TT-P-1757.
"3" – ZINC METAL SPRAY PER MIL-M-6874.

EXAMPLES OF PART NUMBER:

NAS488-1-3 = SPRING NUT OF STANDARD DESIGN AND DIMENSIONS SHOWN IN TABLE WITH ZINC METAL SPRAY FINISH


NAS488-10-1 = SPRING NUT WITH RELIEF NOTCH, IMPRESSION ROTATED 90° AND DIMENSIONS SHOW IN TABLE WITH PHOSPHATE AND ZINC CHROMATE PRIMER FINISH

NOTES:

- /1/ LETTERS ARE TYPE LETTERS DESCRIBING THE ACTUAL PART CONFIGURATION IF DIFFERENT THAN STANDARD DESIGN. SEE STANDARD DESIGN AND TYPE VARIATION ILLUSTRATIONS.
- /2/ USE MS51861 SCREW OR SIMILAR FOR INSTALLATION.
- (3) FOR USAGE LIMITATIONS, SEE DRAWINGS MS33538 AND NASM33749.
- (4) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm .010$.
- (5) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (6) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (7) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (8) 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.
- (9) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.