

FED. SUPPLY CLASS

5305

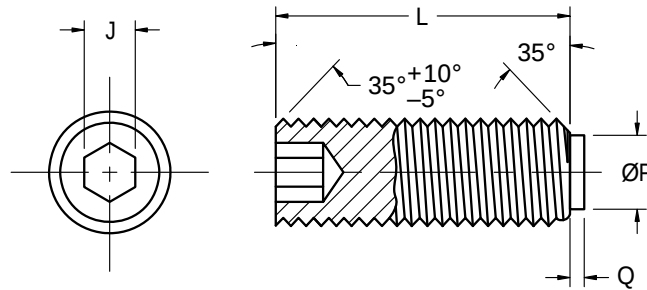


TABLE I – DIMENSIONS

NOMINAL SIZE	THREADS PER INCH	J SOCKET WIDTH ACROSS FLATS NOM	ØP POINT		Q POINT LENGTH	
			MAX	MIN	MAX	MIN
.0860	56 UNC-3A	.035	.057	.053	.024	.020
.1120	40 UNC-3A	.050	.075	.070	.030	.026
.1380	32 UNC-3A	.062	.092	.087	.038	.032
.1640	32 UNC-3A	.078	.109	.103	.043	.037
.1900	24 UNC-3A	.094	.127	.120	.049	.041
.2500	20 UNC-3A	.125	.156	.149	.067	.059
.3125	18 UNC-3A	.156	.203	.195	.082	.074
.3750	16 UNC-3A	.188	.250	.241	.099	.089
.5000	13 UNC-3A	.250	.344	.334	.130	.120
.6250	11 UNC-3A	.312	.469	.456	.164	.148

MATERIAL:

ALLOY STEEL IN ACCORDANCE WITH PROCUREMENT SPECIFICATION, HAVING A HARDNESS OF 45-53 HRC.

FINISH:

CADMIUM PLATED IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.

CODE:

THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER.

EXAMPLE OF PART NUMBER:

MS51977-1

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS51977, REVISION C. PART NUMBERS REMAIN MS51977.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION FF-S-200	TITLE SETSCREW, HEXAGON SOCKET, HALF-DOG POINT, ALLOY STEEL, CADMIUM PLATED, UNC-3A	CLASSIFICATION PART STANDARD
		MS51977 SHEET 1 OF 3

NOTES:

- (1) THE THREADS SHALL BE IN ACCORDANCE WITH MIL-S-7742.
- (2) DIMENSIONS ARE IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (3) 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.
- (4) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (5) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (6) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /7/ NO REPLACEMENT.

TABLE II – DASH NUMBERS

L LENGTH	TOLERANCE	.0860	.1120	.1380	.1640	.1900	.2500	.3125	.3750	.5000	.6250
.125	± .010	1	9	18							
.188		2	10	19	29	39					
.250		3	11	20	30	40	49	61			
.312			12	21	31	41	50	62			
.375				22	32	42	51	63	73		
.500				23	33	43	52	64	74	84	94
.625							53	65	75	85	95
.750	± .020						54	66	76	86	96
1.000							55	67	77	87	97
1.250									78	88	98

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
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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 09-01

① COMPLETELY REVISED

REVISION
1
NASM51977
SHEET 2



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