

FED. SUPPLY CLASS

5305

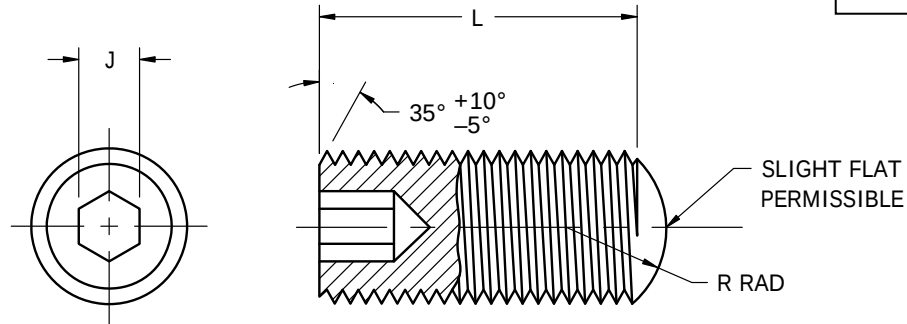


TABLE I – DIMENSIONS

NOMINAL SIZE	THREADS PER INCH (UNF-3A)	J SOCKET WIDTH ACROSS FLATS NOM	R POINT RADIUS	
			MAX	MIN
.0860	64	.035	.079	.064
.1120	48	.050	.099	.084
.1380	40	.062	.135	.104
.1640	36	.078	.154	.123
.1900	32	.094	.173	.142
.2500	28	.125	.219	.188
.3125	24	.156	.265	.234
.3750	24	.188	.312	.281
.5000	20	.250	.406	.375

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 PART NUMBER CONSISTS OF THE BASIC PART NUMBER, PLUS THE DASH NUMBER FROM TABLE II.

EXAMPLE OF PART NUMBER:

MS51982-32

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS51982, REVISION A. PART NUMBERS REMAIN MS51982.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION FF-S-200	TITLE SETScrew, HEXAGON SOCKET, OVAL POINT, ALLOY STEEL, CADMIUM PLATED, UNF-3A	CLASSIFICATION PART STANDARD MS51982

SHEET 1 OF 2

NOTES:

- /1/ INACTIVE FOR NEW DESIGN AFTER 31 MARCH 1972.
- (2) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (3) THE THREADS SHALL BE IN ACCORDANCE WITH MIL-S-7742.
- (4) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (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) 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.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

TABLE II – LENGTH DASH NUMBERS

L LENGTH	TOLERANCE	.0860	.1120	.1380	.1640	.1900	.2500	.3125	.3750	.5000
.125	±.010	1 /1/	8 /1/	16 /1/	–	–	–	–	–	–
.188		2 /1/	9 /1/	17 /1/	24 /1/	32	–	–	–	–
.250		–	10 /1/	18 /1/	25 /1/	33	41	–	–	–
.312		–	–	–	26 /1/	34 /1/	42 /1/	51	–	–
.375		–	–	–	–	35 /1/	43	52	60	–
.500	±.020	–	–	–	–	–	44 /1/	53 /1/	61	69
.625		–	–	–	–	–	45 /1/	54 /1/	62 /1/	70 /1/
.750		–	–	–	–	–	–	–	63	71 /1/

INTERCHANGEABILITY

SCREWS COVERED BY THE DASH NUMBERS GIVEN IN MS51050 AND MS51052 ARE CANCELLED AFTER 11 MARCH 1964 AND SUPERSEDED BY THE SCREWS COVERED ON MS51982 HAVING THE SAME DASH NUMBERS. CANCELLED SCREWS MAY BE USED UNTIL EXISTING STOCKS ARE DEPLETED. USE ONLY MS51982 SCREWS FOR NEW DESIGN.

① COMPLETELY REVISED

REVISION

1

NAS Documents

SHEET 2

Document Sharing Hub