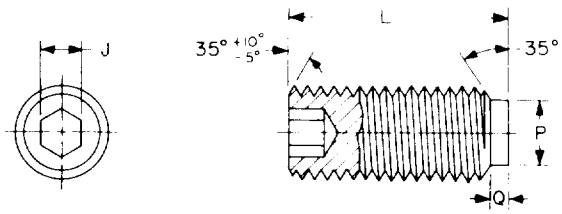
FED. SUP CLASS
5305



NOMINAL SIZE		.086	.112	.138	.164	.190	.250	.3125	.375	.500
THREADS PER INCH (UNF-3A)		64	48	40	36	32	28	24	24	20
J SOCKET WIDTH ACROSS FLATS	NOM	.035	.050	.062	.078	.094	.125	.156	.188	.250
P POINT DIAMETER	MAX	.057	.075	.092	.109	.127	.156	.203	.250	.344
	MIN	.053	.070	.087	.103	.120	.149	.195	.241	.334
Q POINT LENGTH	MAX	.024	.030	.038	.043	.049	.067	.052	.099	.130
	MIN	.020	.026	.032	.037	.041	.059	.074	.089	.120

L LENGTH	TOL	DASH NUMBER								
.188	±.010	1	8	15	24	34				
.250		2	9	16	25	35	44			
.312				17	26	36	45	53		
.375				18	27	37	46	54	62	
.500					28	38	47	55	63	71
.625								56	64	72
.750	±.020								65	73

NOTES:

1. MATERIAL: Corrosion-Resisting Steel, 300 Series, in accordance with procurement specification.
2. PROTECTIVE COATING: Passivated in accordance with QQ-P-35.
3. THREADS: The threads shall be in accordance with MIL-S-7742.
4. MAGNETIC PERMEABILITY: These setscrews have a magnetic permeability of 2.0 max (air = 1.0) for a field strength of H = 200 oersteds, when using a magnetic indicator per MIL-I-17214.
5. DIMENSIONS: All dimensions are in inches, unless otherwise specified.
6. PART NUMBER: The MS part number consists of the MS number, plus the dash number. Example: MS51047-1.
7. Referenced documents shall be of the issue in effect on date of invitations for bid.
8. For design feature purposes, this standard takes precedence over procurement documents referenced herein.

INTERCHANGEABILITY

Screws covered by the dash numbers given in MS51048 are cancelled after 6 March 1964 and superseded by the screws covered on MS51047 having the same dash numbers. Cancelled screws may be used until existing stocks are depleted. Use only MS51047 screws for new design.

(B) INACTIVE FOR NEW DESIGN AFTER 29 DEC 1972

APPROVED 7 MAY 1958 REVISED (A) 6 MAR 1964 (B) 29 DEC 1972

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. WC Other Cust 82	TITLE SETSCREW-HEXAGON SOCKET, HALF-DOG POINT, CORROSION-RESISTING STEEL, PASSIVATED, UNF-3A	MILITARY STANDARD MS 51047
PROCUREMENT SPECIFICATION FF-S-200	SUPERSEDES MS51048	SHEET 1 OF 1

DD FORM 1 SEP 57 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE