3961

SEP

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REVISED (A)

1958 MAY ~

APPROVED

For screws shorter

KEY ENGAGEMENT: These dimensions apply to screws one diameter in length or longer. For screws shorter than one diameter in length, socket to be as deep as practicable.

MATERIAL: Steel, high-grade alloy, in accordance with procurement specification. Setscrews shall be hardened by heat treatment to a hardness of Rockwell C45 to 53.

PROTECTIVE COATING: Cadmium plated, in accordance with Specification QQ-P-416, Type II, Class 3.

THREADS: The threads shall be in accordance with Srew-Thread Standards for Federal Services Handbook
H-28.

DIMENSIONS: All dimensions are in inches unless otherwise specified.

PART NUMBER: The MS part number consists of the MS The MS part number consists of the MS number, plus the dash number. Example: MS51053-101. Referenced documents shall be of the issue in effect on date of invitation for bid.

This standard takes precedence over documents referenced herein.

CANCELLED/INACTIVE AS OF 10 SEP 1969

SUPERSEDED IN PART BY MS51963, MS51965, MS51973, MS51977 AND MS51981 - SEE SHEET 2.

(A) FOR CHANGES SEE SHEETS 1 AND 2.

P.A. WC Other Cust SH 82	TITLE SETSCREW, FLUTED SOCKET,	MILITARY STANDARD			
	ALLOY STEEL, CADMIUM PLATED, NC-3A	MS 51053			
PROCUREMENT SPECIFICATION FF-S-200	SUPERSEDES:	SHEET] OF 2			

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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.

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ł		CUP POINT FLAT POINT				CONE POINT					
Ì	, .		#2 56NC	#4 40NC	#6 32NC	#2 56NC	#4 40NC	#6 32NC	#2 56NC	#4 40NC	#6 32NC
	LENGTH	TOLERANCE	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
	1/16 1/8 3/16 1/4 5/16 3/8 7/16 1/2	† 1-1/2% of length with a minimum of † .010 in.	101 102 103 104	111 112* 113 114 115 116 117 118	126 127 128 129 130 131 132	201 202 203 204 205	211 212 213 214 215 216 217 218	226 227 228 229 230 231 232	301 302 303 304 305	311 312 313 314 315 316 317 318	326 327 328 329 330 331 332
	9/16 5/8 3/4 7/8			.119 .120	133 134 135 136		220	234 235 236		320	334 335 336
I			#2 56NC	#4 40NC	#6 32NC	#2 56NC	F-DOG POIN #4 40NC	T #6 32NC			
	LENGTH	TOLERANCE	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.			·
1000	1/16 1/8 3/16 1/4		401 402 403 404	411 412 413 414	426 427 428	501 502 503 504	511 512 513 514	526 527 528			
	5/16 3/8 7/16 1/2	t 1-1/2% of length with a minimum of t.010 in.	405	415 416 417 418	429 430 431 432	505	515 516 517 518	529 530 531 532			
	9/16 5/8 3/4 7/8	010 111.		419 420	433 434 435 436		519 520	533 534 535 536			

NOTE: For material, protective coating and other pertinent data, see sheet 1.

(A) Cancelled Dash Numbers 101 thru 111 and 113 thru 136 are superseded in part by MS51963.

Cancelled Dash Numbers 201 thru 236 are superseded in part by ${\tt MS51965}$.

Cancelled Dash Numbers 301 thru 336 are superseded in part by MS51973.

Cancelled Dash Numbers 401 thru 436 are superseded in part by MS51981.

Cancelled Dash Numbers 501 thru 536 are superseded in part by MS51977.

* Dash Number 112 is inactive and not to be used for new design.

P.A. WC Other Cust SH	SETSCREW, FLUTED SOCKET,	MILITARY STANDARD				
82	ALLOY STEEL, CADMIUM PLATED, NC-3A	MS51053				
PROCUREMENT SPECIFICATION FF-S-200	SUPERSEDES:	SHEET 2 OF				

(A) FOR CHANGES SEE SHEETS I AND

REVISED

MAY 1958

APPROVED 7