



NOMINAL SIZE ϕ		1 (.073)	2 (.086)	4 (.112)	6 (.138)
THREADS PER INCH		64NC	56NC	40NC	32NC
BODY DIAMETER ϕ		MAX MIN	MAX MIN	MAX MIN	MAX MIN
HEAD DIAMETER A		MAX SHARP MIN SHARP ADD MIN	MAX MIN	MAX MIN	MAX MIN
SLOT WIDTH J		MAX MIN	MAX MIN	MAX MIN	MAX MIN
FLAT "S" MAX		.003	.003	.004	.005
RADIUS R MAX		.031	.036	.030	.063
FULL HEAD	HEAD HEIGHT H	MAX MIN	MAX MIN	MAX MIN	MAX MIN
	SLOT DEPTH T	MAX MIN	MAX MIN	MAX MIN	MAX MIN
UNDERCUT HEAD	HEAD HEIGHT H ₁	MAX MIN	MAX MIN	MAX MIN	MAX MIN
	SLOT DEPTH T ₁	MAX MIN	MAX MIN	MAX MIN	MAX MIN

LENGTH	L	TOLERANCE	DASH No.	FINN	DASH No.	FINN	DASH No.	FINN	DASH No.	FINN
1/8										
3/16										
1/4										
5/16										
3/8		± 0								
7/16		$-1/32$								
1/2										
5/8										
3/4										
7/8										
1-1/4										
1-3/4		± 0								
2-1/4										
2-1/2		± 0								
2-3/4		$-3/32$								
3										

MATERIAL: BRASS, SPECIFICATION QQ-B-511 OR QQ-W-321.
FINISH: BLACK OXIDE, SPECIFICATION JAN-F-195, TYPE III.
THREADS: THE THREADS SHALL BE IN ACCORDANCE WITH SCREW-THREAD STANDARD FOR FEDERAL SERVICES HANDBOOK H-28.
NOTES: (1) REFERENCED DOCUMENTS OF ISSUE IN EFFECT OR DATE OF INVITATION FOR BIDS SHALL APPLY.
 (2) IN CASE OF CONFLICT WITH ANY REFERENCED DOCUMENT, THIS STANDARD WILL GOVERN.
 (3) THE PS PART NUMBER CONSISTS OF THE PS SHEET NUMBER, PLUS THE DASH NUMBER. EXAMPLE: PS 35247-1.
 (4) SIZE ABOVE DOTTED LINE HAVE UNDERCUT HEAD.
 (5) ALL DIMENSIONS IN INCHES.

REF DOC ONLY THIS COPY
NOT REV CONTROLLED

CUSTOMER A - ORD N - SHIPS AF - USAF	OTHER INT. A - COMSIGINT B - AMBROSYM C -	MILITARY STANDARD		MS35247
PREPARATION SPECIFICATION FT-5-52		SCREW, MACHINE, FLAT COUNTERSUNK HEAD, SLOTTED, BRASS, BLACK OXIDE FINISH, NO-2A AND UNC-2A		
REFERENCES:		SHEET 1 OF 4		

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