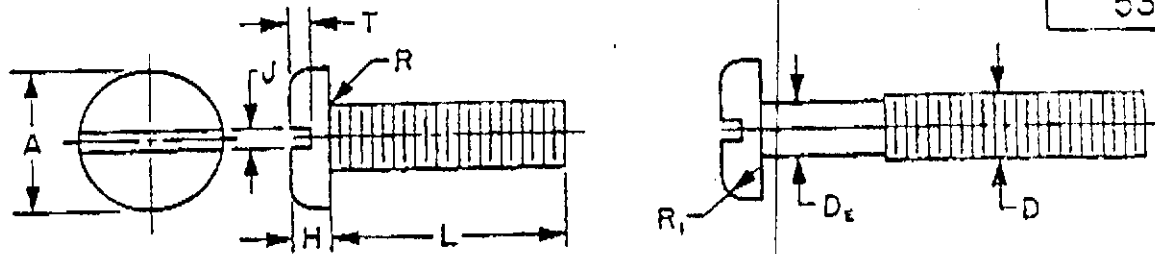


NOMINAL SIZE	0	2 (.086)	4 (.112)	6 (.138)	8 (.164)	
THREADS PER INCH		56X0	40X0	32X0	32X0	
BODY DIAMETER	D_e	{ MAX MIN	{ .0860 .0717	{ .1120 .0925	{ .1380 .1141	{ .1640 .1379
HEAD DIAMETER	A	{ MAX MIN	{ .167 .155	{ .219 .205	{ .270 .256	{ .322 .306
HEAD HEIGHT	H	{ MAX MIN	{ .053 .045	{ .068 .058	{ .082 .072	{ .096 .085
SLOT WIDTH	J	{ MAX MIN	{ .351 .023	{ .339 .031	{ .348 .335	{ .354 .347
SLOT DEPTH	T	{ MAX MIN	{ .333 .323	{ .341 .330	{ .350 .338	{ .358 .345
RADIUS OF HEAD	R	NOM	.035	.042	.046	.052
RADIUS UNDER HEAD	R1	MAX	.013	.018	.022	.023

LENGTH	L	TOLERANCE	DASH NO.	FIN	DASH NO.	FIN	DASH NO.	FIN	DASH NO.	FIN
INCREASING SHALL EXTEND TO WITHIN 2 THREADS OF THE BEARING SURFACE OF THE HEAD, OR CLOSER IF PRACTICABLE.	1/8	+0 -1/32	1		11		24		39	
	3/16		2		12		25		40	
	1/4		3		13		26		41	
	5/16		4		14		27		42	
	3/8		5		15		28		43	
	7/16		6		16		29		44	
	1/2		7		17		30		45	
	5/8		8		18		31		46	
	3/4		9		19		32		47	
	7/8		10		20		33		48	
MINIMUM COMPLETE THREAD LENGTH OF 1-3/4.	1	+0 -1/16			21		34		49	
	1-1/4			22		35		50		
	1-3/4			23		36		51		
	2	+0 -3/32					37		52	
	3						38		53	

MATERIAL: ALUMINUM ALLOY (AL-245) SPECIFICATION QQ-A-268.
FINISH: ANODIZE.
THREADS: THE THREADS SHALL BE IN ACCORDANCE WITH SCREW-THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H-25.
NOTES: (1) REFERENCED DOCUMENTS OF ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS SHALL APPLY.
 (2) IN CASE OF CONFLICT WITH ANY REFERENCED DOCUMENT, THIS STANDARD WILL GOVERN.
 (3) THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER, PLUS THE DASH NUMBER. EXAMPLE: MS 35235-1.
 (4) ALL DIMENSIONS IN INCHES.

CUSTOMER: A - ORD N - SHIPS AF - USAF	STANDARD: 1-AMPS1GT 1-AMPS1SYC 1-	MILITARY STANDARD		MS35235
PROFORM SPECIFICATION: FF-S-92	IMPRESSES:	SCREW, MACHINE, PAN HEAD, SLOTTED, ALUMINUM ALLOY, ANODIZED, NC-2A AND UNC-2A		
				SHEET 1 OF 2



NOMINAL SIZE	D	10 (.150)	1/4	5/16	3/8					
THREADS PER INCH		24NC	20UNC	18UNC	16UNC					
BODY DIAMETER	D_e	{ MAX MIN } .1900 .1566	.2500 .2127	.3125 .2712	.3750 .3287					
HEAD DIAMETER	A	{ MAX MIN } .373 .357	.492 .473	.615 .594	.740 .716					
HEAD HEIGHT	H	{ MAX MIN } .110 .099	.144 .130	.178 .162	.212 .195					
SLOT WIDTH	J	{ MAX MIN } .050 .050	.075 .054	.084 .072	.094 .081					
SLOT DEPTH	T	{ MAX MIN } .057 .050	.087 .070	.109 .092	.130 .113					
RADIUS ON HEAD	R_1	NOM	.051	.087	.099					
RADIUS UNDER HEAD	R	MAX	.031	.025	.027					
LENGTH	L	TOLERANCE	DASH No.	FIN	DASH No.	FIN	DASH No.	FIN	DASH No.	FIN
HEADS SHALL EXTEND TO WITHIN 2 THREADS OF THE BEARING SURFACE OF THE HEAD, OR CLOSER IF PRACTICABLE.	1/8	+0 -1/32	56							
	3/16		58							
	1/4		60		76					
	5/16		61		77					
	3/8		62		78					
	7/16		63		79					107
	1/2		64		80					108
	5/8		65		81					109
	3/4		66		82					110
	7/8		67		83					111
1	68		84					112		
1-1/4	+0 -1/16	69		85					113	
1-1/2		70		86					114	
1-3/4		71		87					115	
2		72		88					116	
2-1/4	+0 -3/32	73		89					117	
2-1/2		74		90					118	
2-3/4		75		91					119	
3										

MATERIAL: ALUMINUM ALLOY (AL-24S) SPECIFICATION QQ-A-268.
FINISH: ANODIZE.
THREADS: THE THREADS SHALL BE IN ACCORDANCE WITH SCREW-THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H-26.
NOTES: (1) REFERENCED DOCUMENTS OF ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS SHALL APPLY.
 (2) IN CASE OF CONFLICT WITH ANY REFERENCED DOCUMENT, THIS STANDARD WILL GOVERN.
 (3) THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER, PLUS THE DASH NUMBER. [EXAMPLE: MS 35235-X].
 (4) ALL DIMENSIONS IN INCHES.

CUSTOMERS: A - CRD N - SHIPS AF - USAF	OTHER INT. ACMGST HAMORSTMC II-	MILITARY STANDARD		MS35235
SCREW, MACHINE, PAN HEAD, SLOTTED, ALUMINUM ALLOY, ANODIZED, NC-2A AND UNC-2A			SHEET 2 OF 2	
PROCUREMENT SPECIFICATION FF-S-52		SUPERSEDES:		

APPROVED FEB 9 2014

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