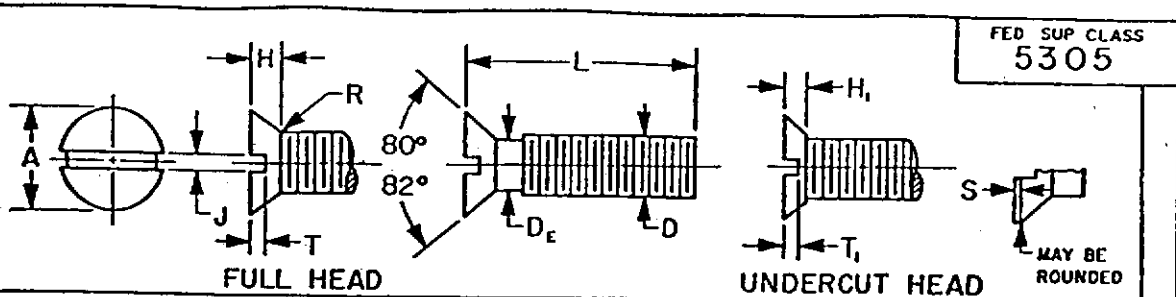


FED SUP CLASS
5305

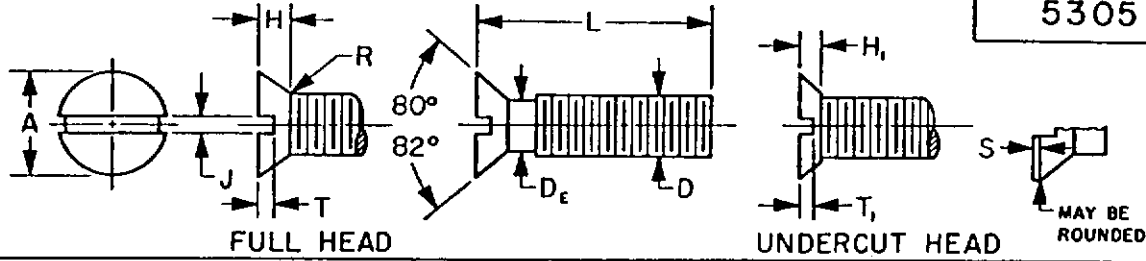


NOMINAL SIZE D		1 (.073)	2 (.066)	4 (.112)	6 (.138)					
THREADS PER INCH		6UNC	56NC	40NC	32NC					
BODY DIAMETER D _e		{ MAX MIN	{ .0730 .0603	{ .0850 .0717	{ .1120 .0925	{ .1380 .1141				
HEAD DIAMETER A		{ MAX SHARP MIN SHARP ABS MIN	{ .146 .130 .126	{ .172 .156 .150	{ .225 .207 .200	{ .279 .257 .249				
SLOT WIDTH J		{ MAX MIN	{ .026 .019	{ .031 .023	{ .039 .031	{ .048 .039				
FLAT S		MAX	.003	.003	.004	.005				
RADIUS R		MAX	.031	.036	.050	.063				
FULL HEAD	HEAD HEIGHT H	{ MAX MIN	{ .043 .033	{ .051 .040	{ .067 .055	{ .083 .069				
	SLOT DEPTH T	{ MAX MIN	{ .019 .012	{ .023 .015	{ .030 .020	{ .038 .024				
UNDERCUT HEAD	HEAD HEIGHT H _i	{ MAX MIN	{ .032 .022	{ .037 .026	{ .048 .036	{ .060 .046				
	SLOT DEPTH T _i	{ MAX MIN	{ .016 .012	{ .019 .015	{ .025 .020	{ .032 .024				
THREADS SHALL EXTEND TO WITHIN 2 THREADS OF THE BEARING SURFACE OF THE HEAD, OR CLOSER IF PRACTICABLE.	LENGTH L	TOLERANCE	DASH No.	FIN	DASH No.	FIN	DASH No.	FIN	DASH No.	FIN
	1/8	+0 -1/32	1		8	022-7304	18	013-3966	31	022-7355
	3/16		2		9	022-7305	19	013-3968	32	013-3961
	1/4		3		10	022-7306	20	011-7626	33	010-1009
	5/16		4		11	022-7307	21	013-3951	34	013-3964
	3/8		5		12	022-7309	22	011-7647	35	010-1010
	7/16		6		13	022-7310	23	013-3954	36	013-3967
	1/2		7		14	022-7311	24	011-7648	37	010-1011
	5/8			15	022-7312	25	011-7649	38	010-1012	
	3/4	+0 -1/16		16	022-7313	26	011-7650	39	010-1013	
	7/8			17	022-7314	27	011-4789	40	010-1014	
	1						28	011-7651	41	010-1015
	1-1/4						29	011-7652	42	010-1017
	1-1/2						30	011-7653	43	010-1019
	1-3/4								44	010-1020
2								45	010-1021	
MINIMUM COMPLETE THREAD LENGTH OF 1-3/4.	2-1/4	+0 -3/32								
	2-1/2									
	2-3/4									
	3									

MATERIAL: BRASS, SPECIFICATION QQ-B-611 OR QQ-W-321.
FINISH: PLAIN (UNTREATED).
THREADS: THE THREADS SHALL BE IN ACCORDANCE WITH SCREW-THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H-28.
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 35245-1.
 (4) SIZES ABOVE DOTTED LINE HAVE UNDERCUT HEAD.
 (5) ALL DIMENSIONS IN INCHES.

CONTROLLED A - ORD M - SHIPS AF - USAF	OTHER MET. A - COMSIST B - R/OASYN N -	MILITARY STANDARD SCREW, MACHINE, FLAT COUNTERSUNK HEAD, SLOTTED, BRASS, PLAIN FINISH, NC-2A AND UNC-2A	MS35245
PROCEDURE SPECIFICATION FF-3-32		SUPERSEDES:	SHEET 1 OF 4

REVISED
 APPROVED FEB 9 1964



NOMINAL SIZE D		8 (.164)	10 (.190)	1/4	5/16							
THREADS PER INCH		32NC	24NC	20UNC	16UNC							
BODY DIAMETER D _c		MAX .1640 MIN .1399	MAX .1900 MIN .1586	MAX .2500 MIN .2127	MAX .3125 MIN .2712							
HEAD DIAMETER A		MAX SHARP .332 MIN SHARP .308 ABS MIN .300	MAX .385 MIN .359 ABS MIN .348	MAX .507 MIN .477 ABS MIN .462	MAX .635 MIN .600 ABS MIN .581							
SLOT WIDTH J		MAX .054 MIN .045	MAX .060 MIN .050	MAX .075 MIN .064	MAX .084 MIN .072							
FLAT S		MAX .006	MAX .007	MAX .009	MAX .011							
RADIUS R		MAX .063	MAX .083	MAX .100	MAX .111							
FULL HEAD	HEAD HEIGHT H	MAX .100 MIN .084	MAX .116 MIN .098	MAX .153 MIN .131	MAX .191 MIN .165							
	SLOT DEPTH T	MAX .045 MIN .029	MAX .053 MIN .034	MAX .070 MIN .046	MAX .088 MIN .058							
UNDERCUT HEAD	HEAD HEIGHT H ₁	MAX .071 MIN .055	MAX .083 MIN .065	MAX .108 MIN .086	MAX .135 MIN .109							
	SLOT DEPTH T ₁	MAX .037 MIN .029	MAX .044 MIN .034	MAX .058 MIN .046	MAX .073 MIN .058							
THREADS SHALL EXTEND TO WITHIN 2 THREADS OF THE BEARING SURFACE OF THE HEAD, OR CLOSER IF PRACTICABLE.	LENGTH L	TOLERANCE	DASH No.	FIN	DASH No.	FIN	DASH No.	FIN	DASH No.	FIN		
	1/8	+0 -1/32	46	043-3962	65	022-7358	83	022-7359	99	011-4418		
	3/16		47	013-3978		011-0594						
	1/4		48	010-1022	66	013-4002					100	021-8793
	5/16		49	013-3981	67	011-4323					101	011-4419
	3/8		50	010-1023	68	011-0595					86	011-4324
	7/16	51	013-3984	69	013-4005	85	011-4325	103	011-4421			
	1/2	52	010-1024	70	011-0596	87	011-4326	104	011-4422			
	5/8	53	010-1025	71	011-0597	88	011-4327	105	011-4423			
	3/4	54	010-1026	72	011-0598	89	011-4328	106	011-4424			
	7/8	55	010-1027	73	011-0599	90	011-4329	107	011-4425			
	1	56	010-1028	74	011-0600	91	011-4330	108	011-4426			
	1-1/4	57	010-1030	75	011-0602	92	011-4331	109	011-4427			
	1-3/4	58	010-1032	76	011-0604	93	011-4332	110	011-4428			
	2-1/4	59	010-1033	77	011-0605	94	011-4333	111	011-4429			
2-1/2	60	010-1034	78	011-0606	95	011-4334	112	011-4430				
2-3/4	61	013-3993	79	013-4014	96	013-4077	113	013-4094				
3	62	013-3995	80	013-4016	97	013-4079	114	013-4096				
	63	013-3997	81	013-4018	98	013-4081	115	013-4098				
	64	013-3999	82	013-3035								

MATERIAL: BRASS, SPECIFICATION QQ-B-611 OR QQ-W-321.

FINISH: PLAIN (UNTREATED).

THREADS: THE THREADS SHALL BE IN ACCORDANCE WITH SCREW-THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H-28.

NOTES:

- REFERENCED DOCUMENTS OF ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS SHALL APPLY.
- IN CASE OF CONFLICT WITH ANY REFERENCED DOCUMENT, THIS STANDARD WILL GOVERN.
- THE MS PART NUMBER CONSISTS OF THE MS SHEET NUMBER, PLUS THE DASH NUMBER. EXAMPLE: MS 35245-46.
- SIZES ABOVE DOTTED LINE HAVE UNDERCUT HEAD.
- ALL DIMENSIONS IN INCHES.

CUSTOMERS A - ORD N - SHIPS AF - USAF	OTHER INT. A-CEN/SIGT N-AMDO/SYND AF-	MILITARY STANDARD		MS35245
SCREW, MACHINE, FLAT COUNTERSUNK HEAD, SLOTTED, BRASS, PLAIN FINISH, NC-2A AND UNC-2A				
PROCUREMENT SPECIFICATION FF-S-92		SUPERSEDES:		SHEET 2 OF 4

REVISED
APPROVED FEB 9 1954