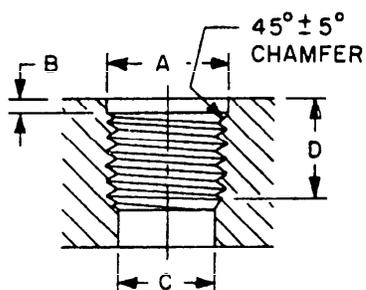


MIL-S-45933/3A
 22 September 1977
 SUPERSEDING
 MIL-S-45933/3
 30 June 1971

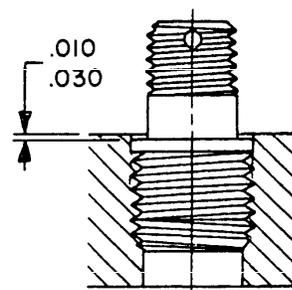
MILITARY SPECIFICATION SHEET

STUD, KEYRING LOCKED,
 HOLE DIMENSIONS FOR AND ASSEMBLY OF

This specification is approved for use by all Departments
 and Agencies of the Department of Defense.



HOLE PREPARATION



INSTALLATION

TABLE I

MIL-S-45933		TAP SIZE	A CBORE DIA +.010 -.000	B CBORE DEPTH +.015 -.000	C HOLE DIA		D FULL THREAD DEPTH MIN
/1 Dash No.	/2 Dash No.				MIN	MAX	
	1	.1640-32UNJC	.169	.032	.1336	.1417	.237
	2	.1900-32UNJF	.195	.046	.1596	.1675	.297
	3	.2500-28UNJF	.255	.046	.2152	.2229	.304
4		.2500-28UNJF	.255	.046	.2152	.2229	.366
	4	.3125-24UNJF	.317	.046	.2719	.2799	.375
5		.3125-24UNJF	.317	.046	.2719	.2799	.500
	5	.3750-24UNJF	.380	.062	.3344	.3418	.500
6		.3750-24UNJF	.380	.062	.3344	.3418	.562
	6	.4375-20UNJF	.442	.078	.3888	.3970	.637
7		.4375-20UNJF	.442	.078	.3888	.3970	.762
	7	.5625-18UNJF	.567	.078	.5084	.5166	.707
	8	.6250-18UNJF	.627	.078	.5709	.5788	.833
	9	.7500-16UNJF	.755	.093	.6892	.6977	.970
	10	.8750-14UNJF	.880	.093	.8055	.8152	.982
	11	1.0000-12UNJF	1.005	.109	.9189	.9298	1.125
	12	1.1250-12UNJF	1.130	.125	1.0439	1.0539	1.375
	14	1.3750-12UNJF	1.380	.140	1.2939	1.3039	1.500
	16	1.5000-12UNJF	1.505	.140	1.4189	1.4289	1.750

MIL-S-45933/3A

NOTES:

1. Prepare hole in accordance with Table I for corresponding dash numbers of MIL-S-45933/1 and /2.
2. Axis of hole shall be normal to entry surface or spotface shall be provided when required.
3. "A" diameter and thread PD shall be concentric within 0.005 TIR.
4. All dimensions are in inches, unless otherwise specified.
5. Surface roughness of machined surfaces shall be 125 microinches in accordance with ANSI B46.1.
6. Remove all burrs and sharp edges.
7. Install stud to depth shown.
8. Drive or press keyring flush with top of stud end.
9. Replacement of studs is made with the same size parts as those removed and in the same manner as originally installed.

Custodians:

Army - WC
Air Force - 99

Preparing Activity:

Army - WC

Project No. 5307-0200

Reviewer Activities:

Army - AV , EL
DSA - IS
NSA - NS

User Activities:

Navy - AS , OS



FOLD

POSTAGE AND FEES PAID



OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

Commander
US Army Armament Research & Development Cmd
Attn: DRDAR-TST-S
Dover, NJ 07801



FOLD

