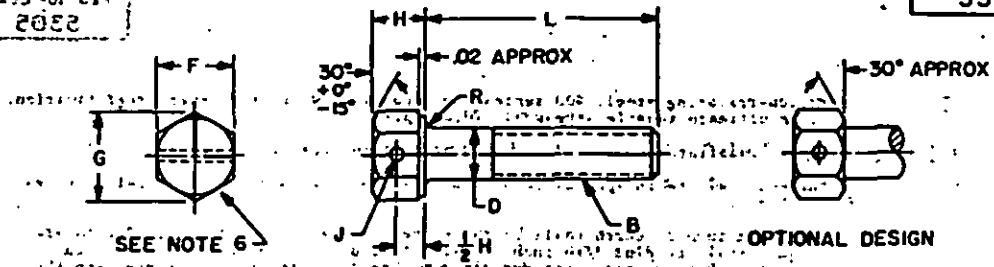


2032



REVIEWER: AV, IS, MI, MO, NSA, OS, '63
USER: AS, CL, MC, NI, YD

NOMINAL SIZE		1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
B THREADS UNF-2A		28	24	24	20	20	18	16	14	12
D BODY DIAMETER	MAX MIN	.2500 .2450	.3125 .3063	.3750 .3690	.4375 .4303	.5000 .4930	.6250 .6170	.7500 .7410	.8750 .8660	1.0000 .9900
F WIDTH ACROSS FLATS	MAX MIN	.4375 .4280	.5000 .4890	.5625 .5510	.6250 .6120	.7500 .7360	.9375 .9220	1.1250 1.1000	1.3125 1.2850	1.5000 1.4690
C WIDTH ACROSS CORNERS	MAX MIN	.505 .488	.577 .557	.650 .628	.722 .698	.866 .840	1.083 1.051	1.299 1.254	1.516 1.465	1.732 1.675
H HEAD HEIGHT	MAX MIN	.163 .150	.211 .195	.243 .226	.291 .272	.323 .302	.403 .378	.483 .455	.563 .531	.627 .591
1/2 H	MAX MIN	.088 .075	.114 .098	.130 .113	.155 .136	.172 .151	.214 .189	.256 .228	.298 .266	.332 .296
J HOLE DIAMETER	+.006 -.002	.0625	.0625	.0625	.0625	.094	.094	.094	.125	.125
R RADIUS	MAX MIN	.025 .015	.025 .015	.025 .015	.025 .015	.025 .015	.045 .020	.045 .020	.065 .040	.095 .060
MIN TENSILE STRENGTH - LBS (B)		2,540	4,050	6,130	8,300	11,150	17,900	26,100	35,600	46,400

L LENGTH	TOLERANCE		DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
	SIZE 3/4 AND UNDER	SIZE 7/8 AND OVER									
.375			1	27							
.438			2	28							
.500			3	29	55						
.562	+0	---	4	30	56						
.625	-.031	---	5	31	57						
.750			6	32	58	84	110	133			
.875			7	33	59	85	111	134			
1.000			8	34	60	86	112	135	157		
1.250			9	35	61	87	113	136	158	182	206
1.500	+0	+0	10	36	62	88	114	137	159	183	207
1.750	-.062	-.125	11	37	63	89	115	138	160	184	208
2.000			12	38	64	90	116	139	161	185	209
2.250			13	39	65	91	117	140	162	186	210
2.500			14	40	66	92	118	141	163	187	211
2.750			15	41	67	93	119	142	164	188	212
3.000			16	42	68	94	120	143	165	189	213
3.250			17	43	69	95	121	144	166	190	214
3.500			18	44	70	96	122	145	167	191	215
3.750	+0	+0	19	45	71	97	123	146	168	192	216
4.000	-.094	-.188	20	46	72	98	124	147	169	193	217
4.250			21	47	73	99	125	148	170	194	218
4.500			22	48	74	100	126	149	171	195	219
4.750			23	49	75	101	127	150	172	196	220
5.000			24	50	76	102	128	151	173	197	221
5.500							129	152	174	198	222
6.000							130	153	175	199	223

NOTE: For notes see sheet 2.

(B) For changes see sheets 1 and 2.

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.

APPROVED 16 JUL 1958 REVISED (A) 14 OCT 1968 (B) 1 MAY 1989

P.A. NO. Other Conf. SH 62	TITLE SCREW, CAP, HEXAGON HEAD (FINISHED HEXAGON BOLT), HEAD DRILLED FOR LOCKING WIRE, STEEL, CORROSION-RESISTING, PASSIVATED, UNF-2A	MILITARY STANDARD MS51100
PROCUREMENT SPECIFICATION FF-8-63	SUPERSEDES:	SHEET 1 OF 2

