

J-T\S DIY ROMINYI TEA.IA				
	COARSE THREAD			
Dash No.	Kominal Thread Size	LFNGTH (REF)	APPROX VEIGHT LBS/100	#1/4 #1/4
COP72	.112(X0.h)-h0	.168	-0196	4-3/L
00615	.138(NO.6)-32	.207	.0384	l;~3/l₁
00815	.16L(NO.8)-12	.246	.0556	6
¢1-15	.190(ND.10)-24	.285	0899	5
ctr-35	250-20	.375	196	5-3/4
C5-15	.3125-18	.469	369	6-5/8
05-25	.375-16	562	625	7-1/4
07-15	.4375-14	-656	943	7-3/8
C0-15	.500-13	.750	1,)16	7-7/8
C9-25	.5625-12	.8hl	1.961	8-1/4
C1015	.625-11	, 938	2.439	0-1/2
01215_	.750-10	1.125	J. 000	9-3/6
СЛ415	.875-9	1.)12	6.250	מנ
J1615	1,000-8	1.500	9,091	10-1/8
01815	1.125-7	1.685	12.928	9-7/8
C2015	1,250-7	1.875	16,070	11-1/1
C2215	1.375-6	2,062	22,26h	10-1/2
C21 ₁ 15	1.500-6	2,250	26,915	11-1/2

	PINE	THREAD		
DASH NO.	NOMINAL THREAD SIZE	LENGTH (SEF)	APPROX WEIGHT LBS/100	# ±1/%
71-15	190(NO.10)-32	.285	-0784	6-7/8
Pb-15	.250-28	. 175	155	8-1/1
F5-15	-3125-2h	-169	.281	8-7/8
F6-15	.375-24	.562	.L20	11
77-15	.1:375-20	.656	.699	10-5/
F3-15	500-20	750	.909	12-3/8
F9-15	,5625-15	-Sleh	1.266	12-1/2
P10-15	,625 <u>-</u> 1â	.935	1.562	16-1/9
F1215	.750-16	1,125	2,554	15-1/6
F1415	.475-14	1,312	4.000	15-1/2
F1615	1,400+12	1.500	6,053	11:-7/6
F1815	1,125-12	1.648	7.572	17-1/4
F2015	1,250-12	1.575	9.502	19-3/6
F2215	1.375-12	2.062	11.276	21-3/8
F2L15	1,505-12	2,250	13.650	2j-1/2

T		S (II WONI!	AL LENGTH		
Ī	COARSE THREAD				
f	CUF50	.112(30.1/)-40	.224	.0272	6-3/4
1	00620	.138(NO.6)-32	.276	.0525	6-7/8
F	O0620	.166(10.8)-32	. 325	.0776	6-3/8
[C1-20	.190(NQ.10)-24	,350	1330	7-1/8
ſ	Ct-20	.250-20	.500	308	8
I	C5-20	.3125-18	,625	.510_	9-1/ù
ſ	C5-20	.375-16	.750	162	10
[_07-20_	.4375-14	- 675	1,250	20-1/6
ſ	C8-20	.500-13	1,000	1.452	11
ſ	C9-20	.5625-12	1,125	2,632	11-1/2
T	C1020	.625-11	1.250	3.148	11-)/4
I	C1220	.750-10	1.500	5,263	13
ſ	C11/50	.875-9	1,750_	8.111	13-3/1
ſ	01620	1,000-8	2.000	12.500	1 1.
ſ	G1520	1.125-7	2.250	17.b6h_	13-5/8
I	C2030	1.250-7	2.500	21,653	15-3/8
ľ	C2220	1-375-6	2.750	30.122	14-3/8
ſ	C21,20	1,500-6	3.000	15,268	15-7/8

SUPERS EDES

	2 DIA NOMINAL LENGTH				
FINE THREAD					
P1-20	19.(30.10)-12	.360	,112	9-1/2	
P4-20	.250-28	.500	.212	11-3/8	
75-20	-3125-24	-625	-397	12-1/L	
F6-20	.375-2L	,750	.553	15	
17-20	.l.375-20	875	.917	14-5/8	
F8-20	5:10-20	1.200	1.234	16-7/8	
19-20	.5625-18	1.125	1,695	17-1/6	
F1020	.625-18	1,250	2,053	19-1/4	
F1220	.750-16	1,500	3.446	20-5/8	
L37/50	.875-1h	1.750	5,263	21-1/8	
F1620	1.000-12	2,000	8,188	20-7/0	
F1.926	1,125-12	2,250	10.227	23-3/8	
E5050	1.250-12	2,500	12.750	26-1/և	
F2220	1.375-12	2.750	15.194	28-7/8	
L5/150	1.500-12	3.000	18.901	31-5/8	
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GL, MT, MT, NC,

INSERT, SCREW THREAD, COARSE AND FINE, FREE RUNNING, HELICAL COIL, CRES

PROCUREMENT SPECIFICATION DD , por 672-1 (Coerdinated)

MILITARY STANDARD MS21208

FOR CHANCES SEE STEET

APPROYED 17 Jul 61

SHEET 2

FED. SUP CLASS DISERT DIVENSIONS COARSS THREAD MONTHAL THREAD 6122 n HÍN R MAX XDI KIH MAX NON MAX ΝО MAX KON MAX HIN XLX -159 با0162 <u>-028</u>9 0219ء . 144 160 .070 .104 - 11-6 .0271 <u>.01250</u> *013gF .112(HO.h)=k0 006 .021.1 .178 173 193 .193 .071 .135 .138(N)-6)-32 -0273 .0076 .0295 .0338 01563ء .ครงสิร .02030 -0217 205 117 205 .16h(no.0)-32 -220 .259 .139 -181 20" - 90" 21₁1₁ 259 190(80.10)-25 -2305 .0365 nt20 (.al.10 .0153 .02083 -02656 _ი2706 .130 .187 110 ...238 310 2 .01218 **.0378** okañ. -310 016h Ch95 .051 .02500 -nane# 20-20 380 100 .227 291 .03608 01.16 _оьаб 1125-15 .0176 | .0555 .0601 -02778 .01558 .445 _L62 독병 01-059 .01:77 09.7 J₁52 172 271 . 157 Arry - A .0215 .0629 -01:009 .175-16 .0622 .03125 .518 -516 04589 .01639 .051:5 ,0625 526 551 .328 416 20" - 80" .0773 .03571 J-375-14 .0267 0724 527. 622 .319 463 .586 .606 .05996 .0591 .0671 .0833 .03866 -01.916 500-11 .0273 | .0747 .669 691-1-02 -521 .666 -676 <u> 151-13</u> 061.9 .0729 .0902 .01167 .05763 4625-12 .033<u>4 | .0852</u> .0351 .0895 .0h02 .0992 .767 .h2F 71.2 -572 727 .71.7 01572 .05055 <u>.05905</u> .0715 0795 -0961 625-11 1367 .906 .511 .8.3 .06495 .0795 ,0875 .881 -615 .823 .2083 .05000 06445 .750-10 1,022 1,052 578 .735 160* - 220 -962 .992 07167 07217 0092 .0972 .1201 .05556 .675-9 .0166 | .1110 1.196 .571 1.116 .781 1.091 01069 .08119 100 109 1.166 05h 1259 1353 406250 Loca-d 1.315 3.355 .719 A13 1,219 1.275 1,125-7 . 1250 .0645 .1451 .1516 .071L3 -09229 .09279 -1160 1.181 .781 1.399 .917 L.37h 녆 .150-7 265" - 220" .598 1.641 .922 1.091 .727 1.772 .969 1.187 598 1,551 1,576 1.375-6 .10825 .1368 . 1558 ħ, .0775 .1695 _180h .08333 .10775 1.676 1.701 1500-6 Ę Ę FINE THREAD 냚 .256 .131 .112 10" - 90" .190(NO.10)-32 .0076 .0295 .0233 .0273 .236 .236 .256 .0338 -03563 .01985 .02030 ,126 ,178 មីឌដ . 21<u>.i</u>ų 306 ,326 .0357 250-23 .0085 .0347 .01786 -02270 .02320 .0253 1.0313 activities: Amy - A Mayr - A USAF - 1 .150 ,00 ,209 .291 -359 -377 3125-24 -0365 .0220 .ol.to .ob\$1 .02083 .02656 02706 -0305 . 168 . 210 . 353 .54.5 ,422 وري .375-24 .52h .519 ,257 .116 .կջև ,51h .1.375-20 0154 .0595 ىلەق. 02500 .03198 6:121-0 -0375 -0518 .617 .318 .691 .354 .572 .479 .556 .576 500-20 ,666 .541 15" - 75" .625 -515 5625-18 .0486 -01550 .03608 16يا0. -0176 .0555 .0601 .02778 .758 .386 .588 -733 .688 -708 625-18 0477 .051.7 .876 901 .164 -557 -520 -82-0 .0629 ,0677 .03125 01,009 01-059 .0215 .750-16 .01639 ,0625 1.021 1.051 495 -60h -955 .950 .0773 .03571 **.**01589 09:5 .0267 | .0724 .875-14 1.000-12 05413 .დაგე .0729 1,169 1.199 .526 .728 1.0% بالنوا .0902 .04167 .05363 .0334 .0852 1.3ch 1.334 .557 ...19 1.212 1.24 1,125-12 1.469 .679 .941 1.344 1.357 1.639 1,250-12 .051.13 .061.9 .0729 .0334 .0352 .0902 -01:167 .05363 1,575 1.610 .789 1.001 1.460 1.400 1.375-12 1.745 .011 1.123 1.594 1.624 1.710 Ħ 1.500-12 HORINAL LEMOTH; HOMINAL LEMOTH ROUALS MINTHON THROUGH HOLE LEMOTH WITHOUT COUNTERSINX AND WITH INSERT LOCATED 1/8 TO 1/2
THREAD FITCH BELOW TOP SURFACE.
FREE COILS: THE MUMPER OF FREE COILS OF THE INSERT ARE COUNTED AS FOLLOWS:
URC TEL-90* FROM TANG FOR SIZES UP TO AND INCLUDING .625-11.
180* FROM TANG FOR SIZES J.750-10 AND LARDER.
UNF THD-90* FROM TANG FOR ALL SIZES. Defende of the design É 3 <u>3</u> 3.5 REVISED(8) of has been epproved by the Department of use by all Departments and Agents . Selection for all not engineering a reputitive use shall be eads from this MATERIAL, STELL, CORROSIGU RESISTANT, SEE PROCURENENT SPECIFICATION.
THREAD: INSERT, WHEN ASSEMBLED IN BASIC TAPPED HOLE AS SPECIFIED ON STANDARD HSJ3646, SHALL FRODUCE A FINISHED INTERNAL
THREAD, MESTING ALL REQUIREMENTS OF HANDBOOK NEW-26.
TANG LOCATION: THE INSERT TABO LOCATION SHALL CONFORM TO SPECIFICATION AMS 7245C. SURPACE PANCHINESS, MIL-STD-10. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED. THE MS PART NUMBER SHALL COMMIST OF THE BASIC MS NUMBER, PLUS THE DASH NUMBER.

ELAMPLE OF PART NUMBER:: MS2120800415 = A FREE RUNNING HELICAL COIL INSERT (H321208). COARSE THREAD (C), NUMBER & THREAD DIA

(O4), 1-1/2 DIA MONIMAL LEMOTH (15) ž 2 **UPPROVED** for design yearure furposes, this standard taxes precedence over procurement documents beyerenced herein.

Referenced documents shall be of the issue in effect on date of invitations for bid. standard tor Defense, and for re P.A. USAT - 11 MILITARY STANDARD TITLE Other Cust Albry INSERT, SCREW THREAD, COARSS AND FIRE, FREE RUMMING, HELICAL COIL, CRES afiltery is mendat rigani of fortions MS21208 Navy - AS PROCUREMENT SPECIFICATION SUPERSEDES:

DD for 672-1 (Coordington)

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