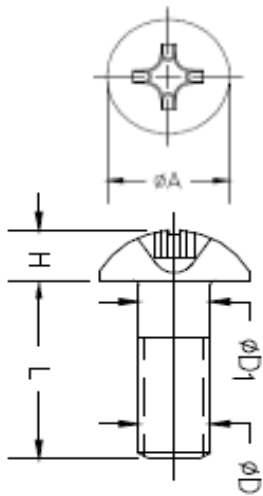
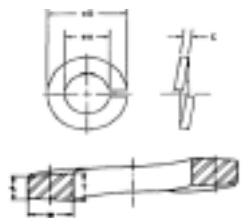


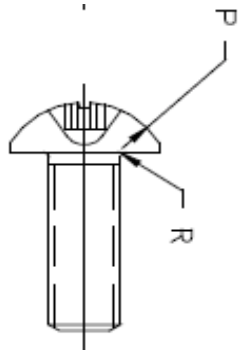
MILITARY SPECIFICATION SHEET
SCREW, MACHINE, PAN HEAD, CROSS-RECESSED,
CORROSION RESISTANT STEEL, UNC-2A
Plus MS35338 Split Lock Washers



THREAD SIZE		2	4	6	8	10	1/4	5/16	3/8
PITCH		56	40	32	32	24	20	18	16
DRIVE	PHILLIPS	1	1	2	2	2	3	4	4
HEAD DIA	Max	0.167	0.219	0.270	0.322	0.373	0.492	0.615	0.740
	Min	0.155	0.205	0.256	0.306	0.357	0.473	0.594	0.716
HEAD HEIGHT	Max	0.062	0.080	0.097	0.115	0.133	0.175	0.218	0.261
	Min	0.053	0.070	0.087	0.105	0.122	0.162	0.203	0.244



Lock Washer MS 35338 (Split) same as ANSI B18.21.1 (IFI Book)										
MS 35338-xxx			-135	-136	-137	-138				
Thickness	Mean		0.025	0.031	0.040	0.047				
	ID	Max	0.120	0.148	0.174	0.200				
OD	Min		0.114	0.141	0.167	0.193				
	Max		0.209	0.250	0.293	0.334				



LENGTH		Suffix							
0.125	1/8	1	11	24					
0.188	3/16	2	12	25	40				
0.25	1/4	3	13	26	41				
0.312	5/16	4	14	27	42				
0.375	3/8	5	15	28	43				
0.438	7/16	6	16	29	44				
0.5	1/2	7	17	30	45	63	79		
0.562	9/16	141	120	123	126	129	132		
0.625	5/8	8	18	31	46	64	80		
0.75	3/4	9	19	32	47	65	81		
0.875	7/8		20	33	48	66	82		
1	1		21	34	49	67	83		
1.125	1-1/8		121	124	127	130	133		
1.25	1-1/4		22	35	50	68	84		
1.375	1-3/8		122	125	128	131	134		
1.5	1-1/2			36	51	69	85		
1.75	1-3/4			37	52	70	86		
2	2			38	53	71	87		
2.25	2-1/4						88		
2.5	2-1/2						89		
2.75	2-3/4						90		
3	3						91		

REQUIREMENTS:

1. MATERIAL: Austenitic Corrosion-Resistant Steel screws shall be manufactured from Type 302 (UNS S30200), Type 304 (UNS S30400), Type 304L (UNS S30403), Type 305 (UNS S30500), Type 316 (UNS S31600), Type 316L (UNS S31603), Type 384 (UNS S38400), or Type XM-7 (UNS S30430) in accordance with chemical composition specified in QQ-S-763. (See Material Identification Marking and Material Code).

2. FINISH: Passivate in accordance with QQ-P-35 or Black Oxide coating (except for Type 316 or Type 316L) in accordance with MIL-C-13924, Class 4. (See Finish Code).

3. MECHANICAL PROPERTIES: The minimum tensile strength in load pounds, indicated for each size in Table I, is based on 80,000 PSI Minimum Tensile Strength. Load pounds are calculated by the stress areas indicated in FED-STD-H28/2. The yield strength, based on .2 percent offset, shall be 30,000 psi minimum.