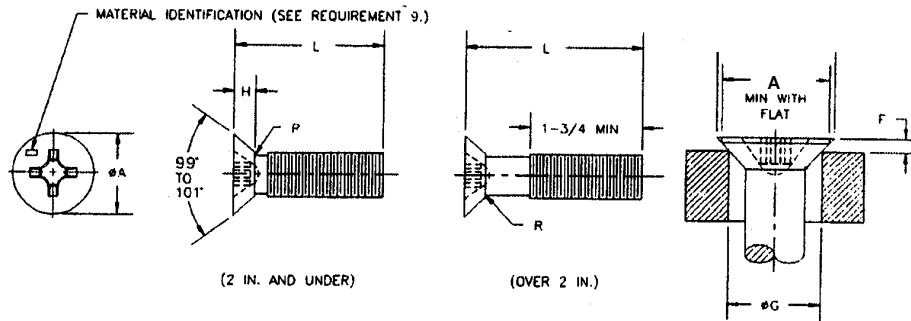


# AVIAQUIP

MS24693

SCREW, MACHINE. FLAT COUNTERSUNK HEAD, 100DEG CROSS  
RECESSED UNC-2A AND UNF-2A NOTE—REPLACES AN507



THREAD SIZE	.0600 (#0)	.0860 (#2)	.1120 (#4)	.1380 (#6)	.1640 (#8)	.1900 (#10)	.2500	.3125	.3750
THREADS PER INCH	80 UNF	56 UNF	40 UNC 48 UNF	32 UNC 40 UNF	32 UNC 36 UNF	24 UNC 32 UNF	20 UNC 28 UNF	18 UNC 24 UNF	16 UNC 24 UNF
"A" HEAD DIAMETER	.104	.156	.207	.257	.308	.359	.477	.600	.722
"F" PROTUSION MAX	.020	.022	.025	.028	.031	.034	.040	.047	.053
ÆG GAUGING DIAM	.074	.121	.167	.214	.261	.307	.415	.526	.638
H HEAD HEIGHT	.026	.037	.049	.060	.072	.083	.110	.138	.165

## REQUIREMENTS:

### 1. MATERIAL :

CARBON STEEL PER FED-STD-66 CADMIUM PLATED CLASS 11

ALUMINIUM ALLOY PER QQ-A-225/0 ANODIZED

BRASS—BLACK OXIDE COATED OR NICKEL PLATED IN ACCORDANCE WITH QQ-N-290 CLASS 1 GRADE E

CORROSION RESISTANT STEEL PER FED-STD-66—COMPOSITION 302, 303, 305, OR 316.

### 2. MAGNETIC PERMEABILITY :

CORROSION RESISTANT SCREWS SHALL HAVE MAGNETIC PERMEABILITY IN ACCORDANCE WITH THE PROCUREMENT SPEC.

### 3. CROSS REFERENCES :

SEE FOLLOWING PAGE FOR CROSS REFERENCES AN507 TO MS24693

#### MATERIAL CODE :

- "A" BEFORE DASH NUMBER - ANODIZED ALUMINIUM ALLOY SCREW.
- "B" BEFORE DASH NUMBER - UNCOATED BRASS SCREW.
- "BB" BEFORE DASH NUMBER - BLACK CHEMICAL FINISHED BRASS SCREW.
- "C" BEFORE DASH NUMBER - CLEANED & DESCALED, CORROSION RESISTANT STEEL SCREW.
- "CB" BEFORE DASH NUMBER - CADMIUM PLATED BRASS SCREW.
- "N" BEFORE DASH NUMBER - UNCOATED NICKLE-COPPER SCREW.
- "NB" BEFORE DASH NUMBER - NICKLE PLATED BRASS SCREW.
- "S" BEFORE DASH NUMBER - CADMIUM PLATED CARBON STEEL SCREW.
- "U" BEFORE DASH NUMBER - UNCOATED, COPPER-SILICON SCREW.
- "B" AFTER DASH NUMBER - BLACK OXIDE COATED CORROSION RESISTANT STEEL SCREW.

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# AVIAQUIP

## MS24693

SCREW, MACHINE, FLAT COUNTERSUNK HEAD 100°, CROSS RECESSED

D = THREADS DIA - PITCH (LENGTH)	THREAD SIZE						
	4-40	6-32	8-32	10-24	¼-20	10-32	¼-28
	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
¼	2	24	46			268	
5/16	3	25	47	69	91	269	
3/8	4	26	48	70	92	270	292
7/16	5	27	49	71	93	271	293
½	6	28	50	72	94	272	294
5/8	7	29	51	73	95	273	295
¾	8	30	52	74	96	274	296
7/8	9	31	53	75	97	275	297
1"	10	32	54	76	98	275	298
1 + 1/8	11	33	55	77	99	277	299
1 + ¼	12	34	56	78	100	278	300
1 + ½	14	36	58	80	102	280	302
1 + ¾		38	60	82	104	282	304
2"		40	62	84	106	284	306

CANCELED AN507 DASH NUMBERS	NEW MS24693 DASH NUMBERS	CANCELED AN507 DASH NUMBERS	NEW MS24693 DASH NUMBERS	CANCELED AN507 DASH NUMBERS	NEW MS24693 DASH NUMBERS	CANCELED AN507 DASH NUMBERS	NEW MS24693 DASH NUMBERS
420R5	91	448R14	209	624R48	354	836R7	249
420R6	92	448R16	210	632R3	23	836R8	250
420R7	93	448R18	211	632R4	24	836R10	251
420R8	94	448R20	212	632R5	25	836R12	252
420R10	95	448R22	213	632R6	26	836R14	253
420R12	96	448R24	214	632R7	27	836R16	254
420R14	97	448R26	215	632R8	28	836R18	255
420R16	98	448R28	216	632R10	29	836R20	256
420R18	99	518R8	116	632R12	30	836R22	257
420R20	100	518R10	117	632R14	31	836R24	258
420R24	102	518R12	118	632R16	32	836R26	256
420R28	104	518R14	119	632R18	33	836R28	260
420R32	106	518R16	120	632R20	34	836R30	261
420R40	108	518R18	121	632R24	36	836R32	262
420R48	110	518R20	122	632R28	38	836R36	263
428R6	292	518R24	124	632R32	40	836R40	264
428R7	293	518R28	126	632R40	42	836R44	265
428R8	294	518R32	128	640R4	224	836R48	266
428R40	295	518R40	130	640R5	225	1024R5	69
428R12	296	518R48	132	640R6	226	1024R6	70
428R14	297	524R8	316	640R7	227	1024R7	71
428R16	298	524R10	317	640R8	228	1024R8	72
428R18	299	524R12	318	640R10	229	1024R10	73
428R20	300	524R14	319	640R12	230	1024R12	74
428R22	301	524R16	320	640R14	231	1024R14	75
428R24	302	524R18	321	640R16	232	1024R16	76
428R26	303	524R20	322	640R18	233	1024R18	77
428R28	304	524R24	324	640R20	234	1024R20	78
428R30	305	524R28	326	640R22	235	1024R24	80
428R32	306	524R32	328	640R24	236	1024R28	82
428R36	307	524R40	330	640R26	237	1024R32	84
428R40	308	524R48	332	640R28	238	1024R40	86
428R44	309	616R8	138	640R30	239	1024R48	88
428R48	310	616R10	139	640R32	240	1032R4	268
440R3	1	616R12	140	640R36	241	1032R5	269
440R4	2	616R14	141	640R40	242	1032R6	270
440R5	3	616R16	142	832R4	46	1032R7	271
440R6	4	616R18	143	832R5	47	1032R8	272
440R7	5	616R20	144	832R6	48	1032R10	273
440R8	6	616R24	146	832R7	49	1032R12	274
440R10	7	616R28	148	832R8	50	1032R14	275
440R12	8	616R32	150	832R10	51	1032R16	276
440R14	9	616R40	152	832R12	52	1032R18	277
440R16	10	616R48	154	832R14	53	1032R20	278
440R18	11	624R8	338	832R16	54	1032R22	279
440R20	12	624R10	339	832R18	55	1032R24	280
440R24	14	624R12	340	832R20	56	1032R26	281
448R3	201	624R14	341	832R24	58	1032R28	282
448R4	202	624R16	342	832R28	60	1032R30	283
448R5	203	624R18	343	832R32	62	1032R32	284
448R6	204	624R20	344	832R40	64	1032R36	285
448R7	205	624R24	346	832R48	66	1032R40	286
448R8	206	614R32	348	836R4	246	1032R44	287
448R10	207	624R32	350	836R5	247	1032R48	288
448R12	208	624R40	352	836R6	248		

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