

TABLE 1 DASH NUMBERS AND DIMENSIONS

NOMINAL SIZE		.086	.112	.138	.164	.190	.250	.3125	.375
THREADS PER INCH UNC-2A		56	40	32	32	24	20	18	16
Ø D BODY	MAX	.0860	.1120	.1380	.1640	.1900	.2500	.3125	.3750
	MIN	.0717	.0925	.1141	.1399	.1586	.2127	.2712	.3287
Ø A HEAD	MAX	.1670	.2190	.2700	.3220	.3730	.4920	.6150	.7400
	MIN	.1550	.2050	.2560	.3060	.3570	.4730	.5940	.7160
H HEAD HEIGHT	MAX	.0620	.0800	.0970	.1150	.1330	.1750	.2180	.2610
	MIN	.0530	.0700	.0870	.1050	.1220	.1620	.2030	.2440
P HEAD RADIUS	MIN	.0100	.0100	.0150	.0150	.0200	.0350	.0400	.0400
R FILLET RADIUS	MAX	.0130	.0170	.0210	.0250	.0290	.0380	.0470	.0560
TENSILE STRENGTH, LBS-MIN ^{2/}		220	360	545	840	1,050	1,900	3,140	4,650
L LENGTH	TOLERANCE	DASH NO	DASH NO	DASH NO	DASH NO	DASH NO	DASH NO	DASH NO	DASH NO
.125	+.000 -.031	201	211	224	239	258 259	276		
.188		202	212	225	240				
.250		203	213	226	241				
.312		204	214	227	242				
.375		205	215	228	243	261			
.438	206	216	229	244	262	278	293		
.500	207	217	230	245	263	279	294	307	
.562	320 1/	323 1/	327 1/	331 1/	337 1/	343 1/	349 1/	355 1/	
.625	+.000 -.062	208	218	231	246	264	280	295	308
.750		209	219	232	247	265	281	296	309
.875		210	220	233	248	266	282	297	310
1.000		321 1/	221	234	249	267	283	298	311
1.125		324 1/	238	252	270	286	301	314	
1.250	222	235	250	268	284	299	312		
1.375	325 1/	239 1/	253 1/	271 1/	287 1/	302 1/	315 1/		
1.500	223	236	251	269	285	300	313		
1.750	+.000 -.094	326 1/	237	252	270	286	301	314	
1.875		361 1/	234 1/	253 1/	271 1/	287 1/	302 1/	315 1/	
2.000		238	253	271	287	302	315		
2.250		330 1/	254 (H)	272	288	303	316		
2.500		362 (H)	255	273	289	304	317		
2.750	256	274	290	305	318				
3.000	257	275	291	306	319				
3.250	335 1/	341 1/	347 1/	353 1/	359 1/				
3.500	336 1/	342 1/	348 1/	354 1/	360 1/				

1/ INDICATES MANUFACTURER'S NON-STOCK PRODUCTION ITEMS
2/ SEE REQUIREMENT 7.

(H) FOR CHANGES SEE PAGE 1

INCH - POUND

USER ACTIVITIES
ARMY - GL
NAVY - MC, YD
GSA - FSS
NASA - 86

REVIEW ACTIVITIES
ARMY - AT, AV, ME, MI
DLA - IS
NSA - NS

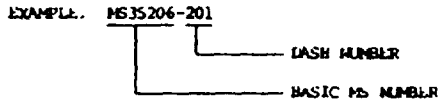
DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited
This military specification is approved for use by all Departments and Agencies of the Department of Defense
This military specification is approved for all other Federal Agencies and for repetitive use shall be made from this
specification when applicable

PA ARMY - AR	INTERNATIONAL INTEREST	TITLE SCREW, MACHINE - PAN HEAD, CROSS - RECESSED CARBON STEEL, CADMIUM PLATED, UNC-2A	MILITARY STANDARD MS35206
Other Cont NAVY - AS AIR FORCE - 82			
PROCUREMENT SPECIFICATION FF - S - 92	SUPP REQUIS SEE NOTE 4	PAGE 1	OF 4

APPROVED 25 JUNE 1953 REVISED 5 DEC 89 (H) 14 JUNE 91

REQUIREMENTS

1. MATERIAL CARBON STEEL IN ACCORDANCE WITH PROCUREMENT SPECIFICATION
2. PROTECTIVE COATING CADMIUM PLATED IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 3.
3. THREADS THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/2 ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 21
4. THREAD LENGTH SCREWS 2.000 INCHES LONG AND SHORTER SHALL HAVE COMPLETE THREADS EXTENDING TO WITHIN TWO THREADS OF THE BEARING SURFACE OF THE HEAD OR CLOSER IF PRACTICABLE. LONGER SCREWS SHALL HAVE A MINIMUM THREAD LENGTH OF 1.750 INCHES
5. RECESS THE RECESS SHALL BE IN ACCORDANCE WITH MS9006
6. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.



MS35206-201 INDICATES - SCREW, MACHINE-PAN HEAD, CROSS-RECESSED, CARBON STEEL, CADMIUM PLATED, 086-56 UNC-2A, 1.25 LENGTH

7. TENSILE STRENGTH BASED ON 60,000 PSI MINIMUM ULTIMATE TENSILE STRENGTH. LOAD POUNDS ARE CALCULATED BY THE STRESS AREAS AS SPECIFIED IN FED-STD-H28/2

NOTES

1. ALL DIMENSIONS ARE IN INCHES
2. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
3. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
4. SUPERSEDES: MS35204, MS35208, MS35210, MS35221, MS35223, MS35225, MS35227, AND IN PART, MS24584 (USAF), MS35357, MS35359 THRU MS35362, MS35364 THRU MS35366, AN515 AND AN526, MS35366, AN515 AND AN526. SEE TABLE II, INTERCHANGEABILITY.

USER ACTIVITIES
ARMY - GL
NAVY - MC, YD
GSA - FSS
NASA - 86

REVIEWER ACTIVITIES
ARMY - AT, AV, ME, MI
DLA - IS
NSA - NS

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited
This military standard is approved for use by all Departments and Agencies of the Department of Defense
Distribution for all new engineering and design applications and for repetitive use shall be made from this document when applicable

APPROVED 25 JUNE 1953 REVISED (H) FOR CHANGES SEE PAGE 1

PA ARMY - AR Other Code NAVY - AS AIR FORCE - 82	INTERNATIONAL INTEREST	TITLE SCREW, MACHINE-PAN HEAD, CROSS-RECESSED CARBON STEEL, CADMIUM PLATED, UNC-2A	MILITARY STANDARD MS35206
PROCUREMENT SPECIFICATION FF - S - 92	SUPERSEDES	SEE NOTE 4	PAGE 2 OF 4

THE SCREENS COVERED BY THE FOLLOWING CANCELLED PART NUMBERS ARE CANCELLED AFTER 18 JUNE 1962. THE CANCELLED SCREENS CANNOT ALWAYS REPLACE THE NEW SCREENS AND SHOULD BE USED UNTIL EXISTING STOCKS ARE DEPLETED. USE ONLY THE NEW SCREENS FOR DESIGN AND REPLACEMENT. REPLACEMENT SHALL BE IN ACCORDANCE WITH THIS TABLE.

TABLE II. INTERCHANGEABILITY

PART NUMBERS													
CANCELLED		NEW	CANCELLED		NEW	CANCELLED		NEW	CANCELLED		NEW		
MS24584	MS35221	MS35206	MS24584	MS35221	MS35206	MS35204	MS35221	MS35206	MS35204	MS35221	MS35206		
MS35204	MS35223		MS35204	MS35223		MS35206	MS35223		MS35206	MS35223		MS35206	MS35223
MS35206	MS35225		MS35208	MS35225		MS35208	MS35225		MS35208	MS35225		MS35208	MS35225
MS35208	MS35227		MS35210	MS35227		MS35210	MS35227		MS35210	MS35227		MS35210	MS35227
MS35210													
1	1	201	27	30	230	51	59	259	79	89	289		
2	2	202	28	31	231	52	60	260	—	90	290		
3	3	203	29	32	232	53	61	261	—	91	291		
4	4	204	30	33	233	54	62	262	80	92	292		
5	5	205	31	34	234	55	63	263	81	93	293		
6	6	206	32	35	235	56	64	264	82	94	294		
7	7	207	33	36	236	57	65	265	83	95	295		
8	8	208	34	37	237	58	66	266	84	96	296		
9	9	209	35	38	238	59	67	267	85	97	297		
—	10	210	36	39	239	60	68	268	86	98	298		
10	11	211	37	40	240	61	69	269	87	99	299		
11	12	212	38	41	241	62	70	270	88	100	300		
12	13	213	39	42	242	63	71	271	89	101	301		
13	14	214	40	43	243	64	72	272	90	102	302		
14	15	215	41	44	244	65	73	273	91	103	303		
15	16	216	42	45	245	—	74	274	92	104	304		
16	17	217	43	46	246	—	75	275	—	105	305		
17	18	218	44	47	247	66	76	276	—	106	306		
18	19	219	45	48	248	67	77	277	93	107	307		
19	20	220	46	49	249	68	78	278	94	108	308		
20	21	221	47	50	250	69	79	279	95	109	309		
—	22	222	48	51	251	70	80	280	96	110	310		
—	23	223	49	52	252	71	81	281	97	111	311		
21	24	224	50	53	253	72	82	282	98	112	312		
22	25	225	—	54	254	73	83	283	99	113	313		
23	26	226	—	55	255	74	84	284	100	114	314		
24	27	227	—	56	256	75	85	285	101	115	315		
25	28	228	—	57	257	76	86	286	102	116	316		
26	29	229	—	58	258	77	87	287	103	117	317		
						78	88	288	104	118	318		
									105	119	319		

USER ACTIVITIES
ARMY - GL
NAVY - MC, YD
GSA - FSS
NASA - 86

REVIEW... ACTIVITIES:
ARMY - AT, AV, ME, MI
DLA - IS
NSA - NS

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited.
This military item is approved for use by all Departments and Agencies of the Department of Defense.
Exception for all re-engineering and design applications and for repetitive use shall be made from this document when applicable.

APPROVED 25 JUNE 1953 REVISED (H) FOR CHANGES SEE PAGE 1

ARMY - AR Other Cont NAVY - AS AIR FORCE - 82	INTERNATIONAL INTEREST	TITLE SCREW, MACHINE - PAN HEAD, CROSS-RECESSED CARBON STEEL, CADMIUM PLATED, UNC-2A	MILITARY STANDARD MS35206
PROCUREMENT SPECIFICATION FF - S - 92	SUPPENSES	SEE NOTE 4	PAGE 3 OF 4

THE SCREWS COVERED BY DASH NUMBERS GIVEN IN AN515 IN PART AND A-526 IN PART ARE CANCELLED/INACTIVATED AFTER THE APPROVAL DATE OF REVISION INDICATED ON THIS DOCUMENT. USE THE DASH NUMBERS GIVEN IN THE PRECEDING SHEETS. THE CANCELLED SCREWS CANNOT ALWAYS REPLACE THE NEW SCREWS AND SHOULD BE USED UNTIL EXISTING STOCKS ARE DEPLETED. USE ONLY THE NEW SCREWS FOR DESIGN AND REPLACEMENT. REPLACEMENT SHALL BE IN ACCORDANCE WITH THIS TABLE.

TABLE III INTERCHANGEABILITY

PART NUMBERS			PART NUMBERS			PART NUMBERS			PART NUMBERS		
CANCELLED		NEW	CANCELLED		NEW	CANCELLED		NEW	CANCELLED		NEW
AN515	MS35206		AN515	MS35206		AN515	MS35206		AN526	MS35206	
-2R2	-2-2	201	-6R22	-6-22	329 1/	-416R30	-416-30	346 1/	-834R4	-832-4	241
-2R3	-2-3	202	-6R24	-6-24	236	-416R32	-416-32	287	-832R5	-832-5	242
-2R4	-2-4	203	-6R26	-6-26	2/	-416R36	-416-36	288	-832R6	-832-6	243
-2R5	-2-5	204	-6R28	-6-28	237	-416R40	-416-40	289	-832R7	-832-7	244
-2R6	-2-6	205	-6R30	-6-30	361 1/	-416R44	-416-44	290	-832R8	-832-8	245
-2R7	-2-7	206	-6R32	-6-32	238	-416R48	-416-48	291	-832R9	-832-9	331 1/
-2R8	-2-8	207	-6R36	-6-36	330 1/	-516R8	-516-8	294	-832R10	-832-10	246
-2R-10	-2-10	208	-6R40	-6-40	2/	-516R10	-516-10	295	-832R12	-832-12	247
-2R12	-2-12	209	-8R4	-8-4	241	-516R12	-516-12	296	-832R14	-832-14	248
-3R2	-3-2	2/	-8R5	-8-5	242	-516R14	-516-14	297	-832R16	-832-16	249
-3R3	-3-3	2/	-8R6	-8-6	243	-516R16	-516-16	298	-832R18	-832-18	332 1/
-3R4	-3-4	2/	-8R7	-8-7	244	-516R18	-516-18	350 1/	-832R20	-832-20	250
-3R5	-3-5	2/	-8R8	-8-8	245	-516R20	-516-20	299	-832R22	-832-22	333 1/
-3R6	-3-6	2/	-8R10	-8-10	246	-516R22	-516-22	351 1/	-832R24	-832-24	251
-3R7	-3-7	2/	-8R12	-8-12	247	-516R24	-516-24	300	-832R26	-832-26	2/
-3R8	-3-8	2/	-8R14	-8-14	248	-516R26	-516-26	2/	-832R28	-832-28	252
-3R10	-3-10	2/	-8R16	-8-16	249	-516R28	-516-28	301	-832R30	-832-30	334 1/
-3R12	-3-12	2/	-8R18	-8-18	332 1/	-516R30	-516-30	352 1/	-832R32	-832-32	253
-3R14	-3-14	2/	-8R20	-8-20	250	-516R32	-516-32	302	-832R36	-832-36	254
-3R16	-3-16	2/	-8R22	-8-22	333 1/	-516R36	-516-36	303	-832R40	-832-40	255
-4R3	-4-3	212	-8R24	-8-24	251	-516R40	-516-40	304	-832R44	-832-44	256
-4R4	-4-4	213	-8R26	-8-26	2/	-516R44	-516-44	305	-832R48	-832-48	257
-4R5	-4-5	214	-8R28	-8-28	252	-516R48	-516-48	306	-1024R4	-1024-4	259
-4R6	-4-6	215	-8R30	-8-30	334 1/	-616R8	-616-8	307	-1024R5	-1024-5	260
-4R7	-4-7	216	-8R32	-8-32	253	-616R10	-616-10	308	-1024R6	-1024-6	261
-4R8	-4-8	217	-8R36	-8-36	254	-616R12	-616-12	309	-1024R7	-1024-7	262
-4R10	-4-10	218	-8R40	-8-40	255	-616R14	-616-14	310	-1024R8	-1024-8	263
-4R12	-4-12	219	-8R44	-8-44	256	-616R16	-616-16	311	-1024R9	-1024-9	337 1/
-4R14	-4-14	220	-8R48	-8-48	257	-616R18	-616-18	356 1/	-1024R10	-1024-10	264
-4R16	-4-16	221	-10R4	-10-4	259	-616R20	-616-20	312	-1024R12	-1024-12	265
-4R18	-4-18	324 1/	-10R5	-10-5	260	-616R22	-616-22	357 1/	-1024R14	-1024-14	266
-4R20	-4-20	222 1/	-10R6	-10-6	261	-616R24	-616-24	313	-1024R16	-1024-16	267
-4R22	-4-22	325 1/	-10R7	-10-7	262	-616R26	-616-26	2/	-1024R18	-1024-18	338 1/
-4R24	-4-24	223	-10R8	-10-8	263	-616R28	-616-28	314	-1024R20	-1024-20	268
-4R26	-4-26	2/	-10R10	-10-10	264	-616R30	-616-30	358 1/	-1024R22	-1024-22	339 1/
-4R28	-4-28	326 1/	-10R12	-10-12	265	-616R32	-616-32	315	-1024R24	-1024-24	269
-5R3	-5-3	2/	-10R14	-10-14	266	-616R36	-616-36	316	-1024R26	-1024-26	2/
-5R4	-5-4	2/	-10R16	-10-16	267	-616R40	-616-40	317	-1024R28	-1024-28	270
-5R5	-5-5	2/	-10R18	-10-18	338 1/	-616R44	-616-44	318	-1024R30	-1024-30	340 1/
-5R6	-5-6	2/	-10R20	-10-20	268	-616R48	-616-48	319	-1024R32	-1024-32	271
-5R7	-5-7	2/	-10R22	-10-22	339 1/				-1024R36	-1024-36	272
-5R8	-5-8	2/	-10R24	-10-24	269				-1024R40	-1024-40	273
-5R10	-5-10	2/	-10R26	-10-26	2/				-1024R44	-1024-44	274
-5R12	-5-12	2/	-10R28	-10-28	270	-632R4	-632-4	226	-1024R48	-1024-48	275
-5R14	-5-14	2/	-10R30	-10-30	340 1/	-632R5	-632-5	227	-420R6	-420-6	277
-5R16	-5-16	2/	-10R32	-10-32	271	-632R6	-632-6	228	-420R7	-420-7	278
-5R18	-5-18	2/	-10R36	-10-36	272	-632R7	-632-7	229	-420R8	-420-8	279
-5R20	-5-20	2/	-10R40	-10-40	273	-632R8	-632-8	230	-420R9	-420-9	343 1/
-5R22	-5-22	2/	-10R44	-10-44	274	-632R9	-632-9	327 1/	-420R10	-420-10	280
-5R24	-5-24	2/	-10R48	-10-48	275	-632R10	-632-10	231	-420R12	-420-12	281
-5R26	-5-26	2/	-416R5	-416-5	276	-632R12	-632-12	232	-420R14	-420-14	282
-5R28	-5-28	2/	-416R6	-416-6	277	-632R14	-632-14	233	-420R16	-420-16	283
-6R3	-6-3	225	-416R7	-416-7	278	-632R16	-632-16	234	-420R18	-420-18	344 1/
-6R4	-6-4	226	-416R8	-416-8	279	-632R18	-632-18	328 1/	-420R20	-420-20	284
-6R5	-6-5	227	-416R10	-416-10	280	-632R20	-632-20	235	-420R22	-420-22	345 1/
-6R6	-6-6	228	-416R12	-416-12	281	-632R22	-632-22	329 1/	-420R24	-420-24	285
-6R7	-6-7	229	-416R14	-416-14	282	-632R24	-632-24	236	-420R26	-420-26	2/
-6R8	-6-8	230	-416R16	-416-16	283	-632R26	-632-26	2/	-420R28	-420-28	286
-6R10	-6-10	231	-416R18	-416-18	344 1/	-632R28	-632-28	237	-420R30	-420-30	346 1/
-6R12	-6-12	232	-416R20	-416-20	284	-632R30	-632-30	361 1/	-420R32	-420-32	287
-6R14	-6-14	233	-416R22	-416-22	345 1/	-632R32	-632-32	238	-420R36	-420-36	288
-6R16	-6-16	234	-416R24	-416-24	285	-632R36	-632-36	330 1/	-420R40	-420-40	289
-6R18	-6-18	328 1/	-416R26	-416-26	2/	-632R40	-632-40	2/	-420R44	-420-44	290
-6R20	-6-20	235	-416R28	-416-28	286	-632R44	-632-44	2/	-420R48	-420-48	291
						-632R48	-632-48	2/			

1/ NEW DASH NUMBERS ADDED 26 AUG 1966
2/ NO REPLACEMENT

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited.
This military standard is approved for use by all Departments and Agencies of the Department of Defense.
Reference for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

USER ACTIVITIES
ARMY - GI
NAVY - MC, YD
GSA - FSS
NASA - 86

REVIEWER ACTIVITIES
ARMY - AT, AV, ME, MI
DLA - IS
NSA - NS

PA ARMY - AR Other Cont NAVY - AS AIR FORCE - 82	INTERNATIONAL INTEREST	TITLE SCREW, MACHINE - PAN HEAD, CROSS-RECESSED CARBON STEEL, CADMIUM PLATED, UNC-2A	MILITARY STANDARD MS35206
PROCUREMENT SPECIFICATION FF - S - 92	SUPPLIES OF	SEE NOTE 4	PAGE 4 OF 4

APPROVED 25 JUNE 1953 REVISED (H) FOR CHANGES SEE PAGE 1