

FED. SUPPLY CLASS

5305

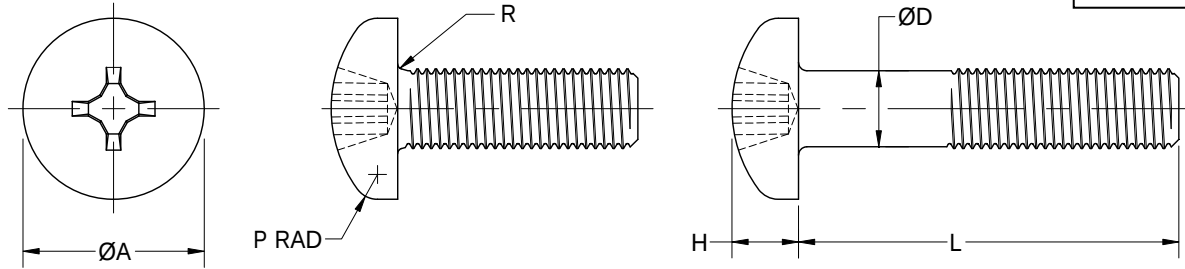


TABLE I – DASH NUMBERS AND DIMENSIONS

NOMINAL SIZE		.086	.112	.138	.164	.190	.250	.3125	.375
THREADS PER INCH UNC-2A		56	40	32	32	24	20	18	16
ØD BODY	MAX	.0860	.1120	.1380	.1640	.1900	.2500	.3125	.3750
	MIN	.0717	.0925	.1141	.1399	.1586	.2127	.2712	.3287
ØA 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, LBF - MIN /7/		220	360	545	840	1,050	1,900	3,140	4,650
L LENGTH	TOLERANCE	DASH NUMBER	DASH NUMBER	DASH NUMBER	DASH NUMBER	DASH NUMBER	DASH NUMBER	DASH NUMBER	DASH NUMBER
.125		201	211	224	239				
.188		202	212	225	240	258			
.250		203	213	226	241	259			
.312		204	214	227	242	260	276		
.375		205	215	228	243	261	277	292	
.438		206	216	229	244	262	278	293	
.500	+ .000	207	217	230	245	263	279	294	307
.562	-.031	320 /6/	323 /6/	327 /6/	331 /6/	337 /6/	343 /6/	349 /6/	355 /6/
.625		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 /6/	221	234	249	267	283	298	311
1.125			324 /6/	328	332	338	344	350	356
1.250			222	235	250	268	284	299	312
1.375			325 /6/	329 /6/	333 /6/	339 /6/	345 /6/	351 /6/	357 /6/
1.500	+ .000	322 /6/	223	236	251	269	285	300	313
1.750	-.062		326 /6/	237	252	270	286	301	314
1.875				361 /6/	334 /6/	340 /6/	346 /6/	352 /6/	358 /6/
2.000				238	253	271	287	302	315
2.250				330 /6/	254	272	288	303	316
2.500				362	255	273	289	304	317
2.750	+ .000				256	274	290	305	318
3.000	-.094				257	275	291	306	319
3.250					335 /6/	341 /6/	347 /6/	353 /6/	359 /6/
3.500					336 /6/	342 /6/	348 /6/	354 /6/	360 /6/

③ COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS35206, REVISION H, AMENDMENT 1. PART NUMBERS REMAIN MS35206.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION FF-S-92	TITLE SCREW, MACHINE, PAN HEAD, CRUCIFORM RECESS, CARBON STEEL, UNC-2A	CLASSIFICATION PART STANDARD MSM35206

MATERIAL:

CARBON STEEL IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.

FINISH:

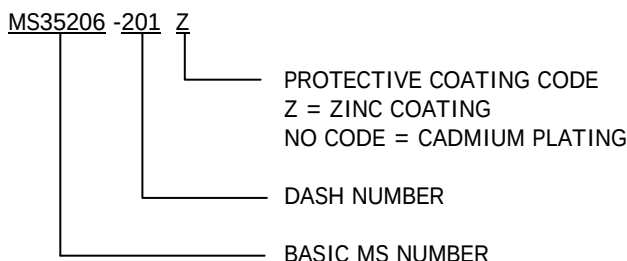
CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 3.
ZINC COATING IN ACCORDANCE WITH ASTM B633, Fe/Zn 5 (5µm), TYPE II.

CODE:

SEE EXAMPLE OF PART NUMBER.

EXAMPLE OF PART NUMBER:

THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.



MS35206-201 = SCREW, MACHINE, PAN HEAD, CRUCIFORM RECESS, CARBON STEEL, CADMIUM PLATED, .086-56 UNC-2A, .125 LENGTH

MS35206-201Z = SCREW, MACHINE, PAN HEAD, CRUCIFORM RECESS, CARBON STEEL, ZINC COATED, .086-56 UNC-2A, .125 LENGTH

NOTES:

- (1) ALL DIMENSIONS ARE IN INCHES
- (2) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (3) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (4) SUPERSEDES: MS35204, MS35208, MS35210, MS35221, MS35223, MS35225, MS35227; AND IN PART, MS24584(USAF), MS35357, MS35359 THRU MS35362, MS35364 THRU MS35366, AN515 AND AN526. SEE TABLE II, INTERCHANGEABILITY.
- (5) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- /6/ MANUFACTURER'S NON-STOCK PRODUCTION ITEMS.
- /7/ TENSILE STRENGTH IS BASED ON 60,000 PSI MINIMUM ULTIMATE TENSILE STRENGTH. POUNDS FORCE ARE CALCULATED BY THE STRESS AREAS AS SPECIFIED IN FED-STD-H28/2.
- (8) DIMENSIONS APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (9) REMOVE ALL BURRS AND SHARP EDGES.

③ COMPLETELY REVISED

REVISION
3
MS35206
SHEET 2

