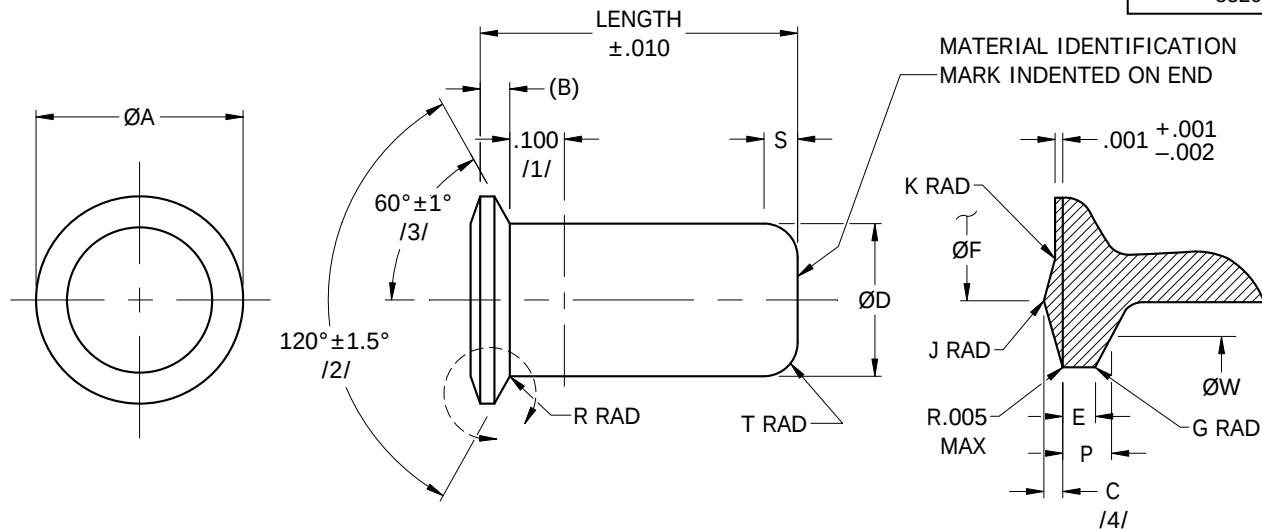


FED SUPPLY CLASS

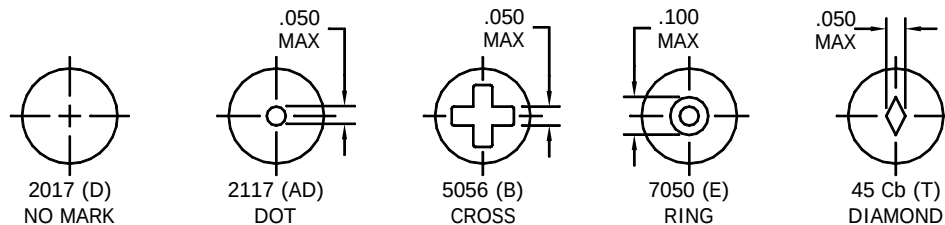
5320



② TABLE I – RIVET DIMENSIONS

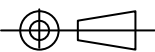
DIA DASH NO.	NOM DIA	ØA +.000 -.002	(B)	C /4/	ØD +.002 -.001	E MIN	ØF ±.010	G RAD MAX	J RAD ±.010	K RAD MIN	P		R RAD ±.004	S ±.010	T RAD ±.010	ØW	
											MAX	MIN				GAGE DIM	
																MAX	MIN
3	3/32	.123	.022	.008 .004	.094	.012	.094	.005	.016	.031	.0188	.0167	.008	.023	.029	.1102	.1100
4	1/8	.162	.027	.008 .004	.125	.014	.125	.005	.016	.047	.0223	.0202	.011	.031	.039	.1462	.1460
5	5/32	.210	.035	.009 .005	.156	.017	.156	.005	.020	.060	.0270	.0248	.014	.039	.049	.1892	.1890
6	3/16	.258	.044	.009 .005	.187	.021	.188	.006	.025	.078	.0289	.0266	.018	.047	.059	.2422	.2420
7	7/32	.312	.053	.010 .006	.222	.024	.219	.007	.025	.094	.0411	.0387	.022	.054	.069	.2671	.2669
8	1/4	.358	.061	.011 .006	.250	.027	.250	.009	.031	.125	.0470	.0444	.026	.062	.078	.3038	.3036
9	9/32	.405	.069	.012 .007	.283	.030	.281	.010	.040	.125	.0559	.0531	.029	.068	.090	.3315	.3313
10	5/16	.454	.077	.012 .007	.310	.033	.313	.010	.040	.125	.0465	.0435	.031	.078	.098	.4245	.4243

MATERIAL IDENTIFICATION MARKS .030 MAXIMUM DEPTH



THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS14218, REVISION C. PART NUMBERS REMAIN MS14218.

THIRD
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PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

2

PROCUREMENT SPECIFICATION

TITLE

CLASSIFICATION
PART STANDARD

RIVET, SOLID, 120° FLUSH INTERFERENCE SHEAR HEAD

NASM14218
SHEET 1 OF 4

SHEET 1 OF 4

MATERIAL:

ALUMINUM ALLOYS 2017-T4 (UNS A92017), 2117-T4 (UNS A92117), 5056-H32 (UNS A95056), 7050-T73 (UNS A97050) PER QQ-A-430.

TITANIUM COLUMBIUM ALLOY 45Cb (UNS R58450) PER AMS4982.

HEAT TREATMENT:

IN ACCORDANCE WITH AMS2770 FOR ALUMINUM ALLOYS AND AMS4982 FOR TITANIUM COLUMBIUM ALLOYS.

FINISH:

FOR 2017-T4, 2117-T4, 5056-H32, 7050-T73 - ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, DICHROMATE SEAL AT 208 °F TO 212 °F ("-" CODE).

CHEMICAL FINISH SURFACE TREATMENT PER MIL-DTL-5541, CLASS 1A ("C" CODE)

FOR TITANIUM COLUMBIUM, NO FINISH REQUIRED.

CODE:

MATERIAL: "D" INDICATES 2017-T4 ALUMINUM ALLOY.
"AD" INDICATES 2117-T4 ALUMINUM ALLOY.
"B" INDICATES 5056-H32 ALUMINUM ALLOY.
"E" INDICATES 7050-T73 ALUMINUM ALLOY.
"T" INDICATES TITANIUM COLUMBIUM ALLOY 45Cb.

FINISH: "-" INDICATES ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, DICHROMATE SEAL.
"C" INDICATES CHEMICAL FINISH SURFACE TREATMENT PER MIL-DTL-5541, CLASS 1A.

EXAMPLE OF PART NUMBER:

MS14218AD4C12R = RIVET, SOLID, 120° FLUSH INTERFERENCE SHEAR HEAD, 2117-T4 ALUMINUM ALLOY, 1/8 DIAMETER, CHEMICAL FINISH, (3/4 + 1/32) LONG.

MS14218 AD 4 C 12 R

INDICATES ADDITIONAL .031 INCH INCREMENT IN LENGTH.

INDICATES LENGTH IN .0625 INCH INCREMENTS.

FINISH CODE.

INDICATES DIAMETER IN .031 INCH INCREMENTS.

MATERIAL CODE.

BASIC MS NUMBER.

REVISION

2

NASM14218

SHEET 2



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