

FED. SUPPLY CLASS

5365

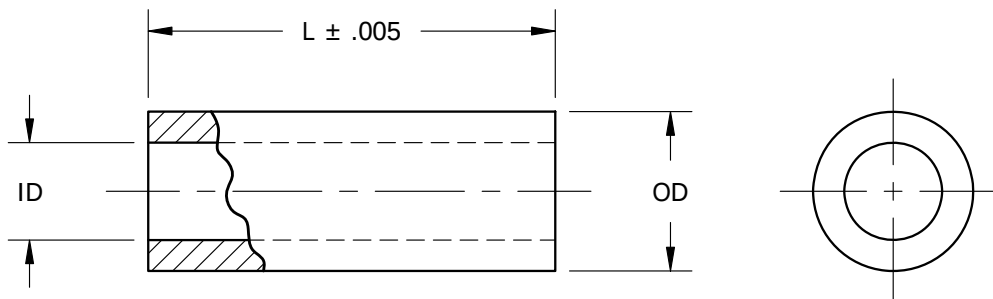


TABLE I – DASH NUMBERS AND DIMENSIONS

DIAMETER DASH NO	RIVET DIA (REF)	OD		ID	
		MIN	MAX	MIN	MAX
3	.093	.178	.198	.097	.102
4A	.125	.178	.198	.127	.133
4	.125	.240	.260	.127	.133
5	.156	.302	.322	.160	.166
6A	.188	.240	.260	.190	.196
6B	.188	.302	.322	.190	.196
6	.188	.365	.385	.190	.196
8A	.250	.365	.385	.256	.263
8	.250	.428	.448	.256	.263
10A	.313	.423	.453	.315	.322
10	.313	.548	.578	.315	.322
12A	.375	.485	.515	.376	.383
12B	.375	.548	.578	.376	.383
12	.375	.610	.640	.376	.383

MATERIAL:

2024-T3 ALUMINUM ALLOY TUBING, AMS-WW-T-700/3, TYPE I.
2024-T4 ALUMINUM ALLOY WIRE OR ROD, AMS-QQ-A-225/6.
4130 ALLOY STEEL TUBING, AMS-T-6736, TYPE I, HT 125.
8630 ALLOY STEEL TUBING, ~~AMS6530~~ AMS6360.
4130 ALLOY STEEL BAR, AMS-S-6758, COND F.
8630 ALLOY STEEL BAR, MIL-S-6050, COND F.
2219-T8511 ALUMINUM ALLOY PER AMS4162.

HEAT TREATMENT:

2024 ALUMINUM ALLOY: 62 KSI MIN
HEAT TREATED ALLOY STEEL: 125-145 KSI
2219 ALUMINUM ALLOY: 58 KSI MIN

⑪ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 11
PROCUREMENT SPECIFICATION NONE	TITLE SPACER, SLEEVE, RIVET	CLASSIFICATION PART STANDARD
		NAS42 SHEET 1 OF 3

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 12-01

REVISION DATE: OCTOBER 31, 2012

ISSUE DATE: JULY 1943

FINISH:

2024 ALUMINUM ALLOY: GRAY ANODIZE PER MIL-A-8625, TYPE I OR
CHEMICAL FILM PER MIL-DTL-5541, CLASS 1A, DYED BLUE (SEE FINISH CODE).
ALLOY STEEL: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, DYED TO AN IRIDESCENT
BRONZE COLOR. THE SALT SPRAY REQUIREMENT AND TESTS SHALL NOT APPLY.
2219 ALUMINUM ALLOY: CHEMICAL FILM PER MIL-DTL-5541, CLASS 1A.

CODE:

THE PART NUMBER SHALL CONSIST OF THE BASIC PART NUMBER, MATERIAL CODE, DIAMETER DASH
NUMBER, LENGTH DASH NUMBER, AND FINISH CODE.
LENGTH CODE: SECOND DASH NUMBER DESIGNATES LENGTH IN 1/64 INCH INCREMENTS.
MATERIAL CODE:
FOR 2024 ALUMINUM ALLOY SPACERS ADD SUFFIX "DD" TO BASIC PART NUMBER.
FOR ALLOY STEEL SPACERS ADD SUFFIX "HT" TO BASIC PART NUMBER.
FOR 2219 ALUMINUM ALLOY SPACERS ADD SUFFIX "E" TO BASIC PART NUMBER.
FINISH CODE:
FOR 2024 ALUMINUM WITH GRAY ANODIZE, ADD SUFFIX "N" TO COMPLETE PART NUMBER.
FOR 2024 ALUMINUM WITH CHEMICAL FILM, ADD SUFFIX "FC" TO COMPLETE PART NUMBER.
FOR SPACERS WITH NO FINISH, ADD SUFFIX "A" TO COMPLETE PART NUMBER. /6/

EXAMPLES OF PART NUMBER:

NAS42DD3-8A = 2024 ALUMINUM ALLOY SPACER .178 - .198 OD x .097 - .102 ID x .125 LONG, FOR
.093 RIVET, NO FINISH.
NAS42HT3-8 = HEAT TREATED ALLOY STEEL SPACER .178 - .198 OD x .097 - .102 ID x .125
LONG, FOR .093 RIVET, WITH CADMIUM PLATE FINISH.
NAS42E3-8 = 2219 ALUMINUM ALLOY SPACER, .178 - .198 OD x .097 - .102 ID x .125 LONG,
FOR .093 RIVET, WITH CHEMICAL FILM FINISH.
NAS42DD4-8FC = 2024 ALUMINUM ALLOY SPACER .240 - .260 OD x .127 - .133 ID x .125 LONG, FOR
.125 RIVET, WITH CHEMICAL FILM FINISH.

NOTES:

- (1) TUBING, WIRE OR ROD STOCK OPTIONAL. DRILL TUBING IF NECESSARY TO MEET ID SPECIFIED.
- (2) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (3) REMOVE ALL BURRS AND BREAK SHARP EDGES .005 MAX.
- (4) SURFACE ROUGHNESS SHALL NOT EXCEED 125 MICROINCHES Ra PER ASME B46.1.
- (5) SUFFIX "D" INACTIVE FOR DESIGN. SPACERS WITH SUFFIX "D" MAY BE USED UNTIL SUPPLY IS
EXHAUSTED. SPACERS WITH SUFFIX "E" ARE INTERCHANGEABLE WITH THOSE WITH SUFFIX "D".
FOR DESCRIPTION OF STATUS NOTES SEE NAS380.
- /6/ FOR UNFINISHED STEEL (FINISH CODE "A") APPLY A LIGHT, HIGH GRADE MACHINE OIL PRIOR TO
SHIPPING.

REVISION

11

(11) COMPLETELY REVISED



Documents
SHEET 2

Document Sharing Hub