

FED. SUPPLY CLASS

5365

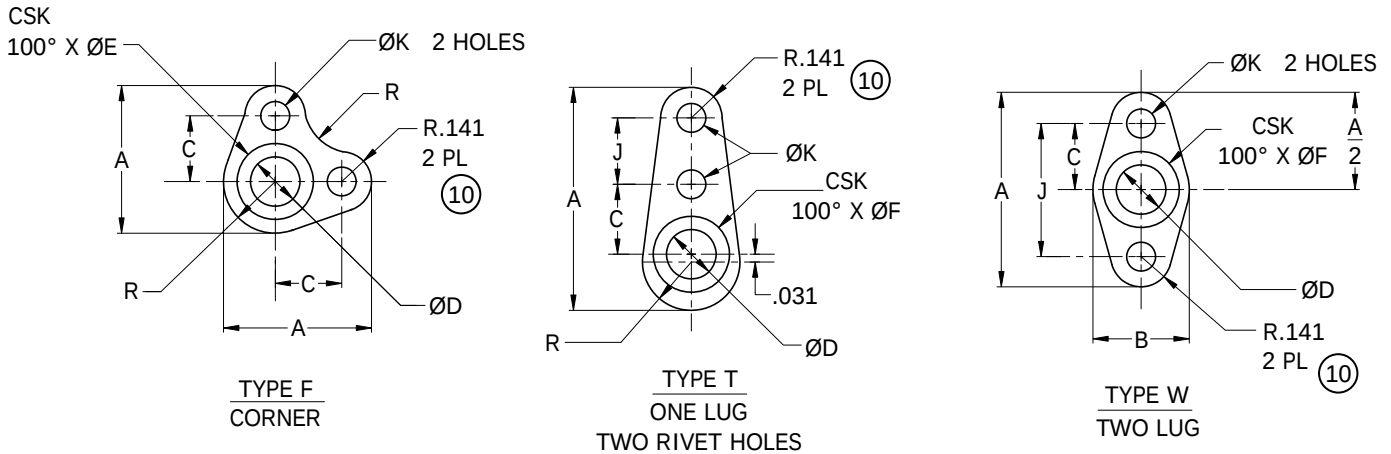


FIGURE 1 – CONFIGURATIONS

TABLE I – DIMENSIONS

DASH NUMBERS /3/				THICK- NESS /1/	SCREW SIZE	TYPE	A	B	R	C ±.003	J ±.002	ØD		ØE		ØK ±.003
STEEL	CRES	5052 AL ALLOY	H.T. AL ALLOY									MAX	MIN	MAX	MIN	
8	C8	D8	DD8	.080	8	F	.750	—	.266	.344	—	.220	.210	.370	.360	.105
						T	1.078	—	.250	.344	.312			.370	.360	.105
						W	.969	.438	—	.344	.688			.370	.360	.105
10	C10	D10	DD10	.090	10	F	.750	—	.266	.344	—	.250	.240	.432	.422	.105
						T	1.078	—	.250	.344	.312			.432	.422	.105
						W	.969	.455	—	.344	.688			.432	.422	.105
416	C416	D416	DD416	.125	1/4	F	.968	—	.328	.500	—	.310	.300	.557	.547	.105
						T /3/	1.327	—	.344	.500	.312			.557	.547	.105
						W	1.281	.656	—	.500	1.000			.557	.547	.105

THIRD
ANGLE
PROJECTION

PROCUREMENT
SPECIFICATION

NONE

CUSTODIAN

NATIONAL AEROSPACE STANDARDS COMMITTEE

TITLE

SPACER, NUT, PLATE, COUNTERSUNK

REVISION

10

CLASSIFICATION
PART STANDARD

DASH 500
SHEET 1 OF 2

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:

REVISION DATE: NOVEMBER 21, 2014

ISSUE DATE: MAY 1951

⑩ MATERIAL:

STEEL - 1020 (UNS G10200) OR 1025 (UNS G10250) PER ~~MIL-S-7952~~ AMS5046 OR ~~MIL-S-18729~~,
~~CONDITION N~~, OR 4130 (UNS G41300) PER AMS6345.

CRES - 30321 (UNS S32100) PER ~~MIL-S-6721~~ AMS5510,
30347 (UNS S34700) PER AMS5512,
30301 (UNS S30100) PER ~~MIL-S-5059~~ AMS5901, AMS5517, AMS5518, AMS5902 OR AMS5519,
30302 (UNS S30200) PER AMS5516, AMS5903, AMS5904, AMS5905 OR AMS5906,
30304 (UNS S30400) PER AMS5513, AMS5910, AMS5911, AMS5912 OR AMS5913, OR
30316 (UNS S31600) PER AMS5524 OR AMS5907.

AL ALLOY - 2014 ALCLAD (UNS A82014) PER AMS-QQ-A-250/3, TEMPER T6,
2024 ALCLAD (UNS A82024) PER AMS-QQ-A-250/5, TEMPER T3 OR T42,
7075 ALCLAD (UNS A87075) PER ~~AMS-QQ-A-250/13~~, TEMPER T6 AMS4049, OR
5052 (UNS A95052) PER AMS-QQ-250/8, TEMPER H32, H34 OR H36.

FINISH: STEEL – CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
CORROSION RESISTANT STEEL AND CLAD ALUMINUM ALLOY – NONE.
AL ALLOY 5052 – ANODIZE PER MIL-A-8625, TYPE II, AND DYE ORANGE.

CODE: ADD “K” TO BASIC PART NUMBER FOR COUNTERSUNK RIVET HOLES. /6/

EXAMPLE OF PART NUMBER:

NAS500TKC416 = TYPE “T” SHIM, .125 THICK, CRES, WITH COUNTERSUNK RIVET HOLES FOR 1/4 SCREW SIZE.

NOTES:

- /1/ THICKNESS TOLERANCE IS GOVERNED BY APPLICABLE MATERIALS SPECIFICATION.
- (2) REMOVE ALL BURRS AND SHARP EDGES.
- /3/ TYPE “T” SHIM, 1/4 SIZE, CAN ONLY BE USED WITH COUNTERSUNK NUT PLATE.
- (4) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (5) TOLERANCES ON DECIMALS $\pm .015$, ANGLES $\pm 1^\circ$.
- /6/ COUNTERSINK RIVET HOLES $100^\circ \times .203 +.010, -.000$ DIAMETER SAME SIDE AS SCREW HOLE COUNTERSINK
WHEN PART NUMBER CONTAINS CODE “K”.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (9) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE
APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

- ⑩ (10) 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.

REVISION

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NAS500
SHEET 2



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