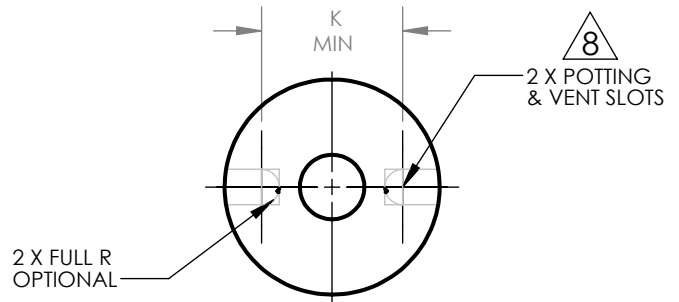
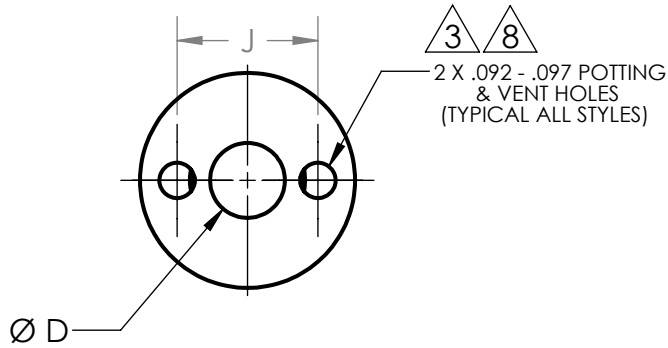
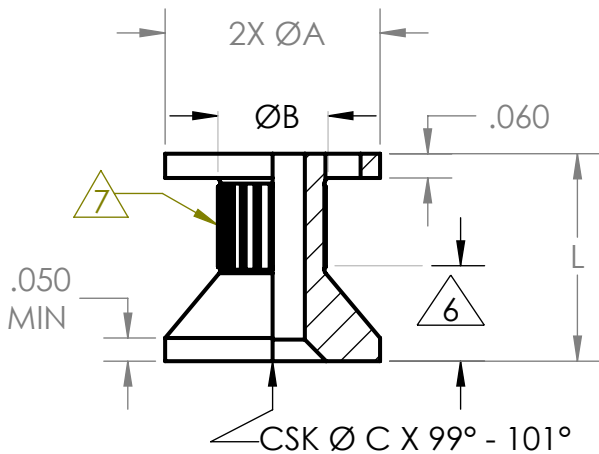


NAS 1834

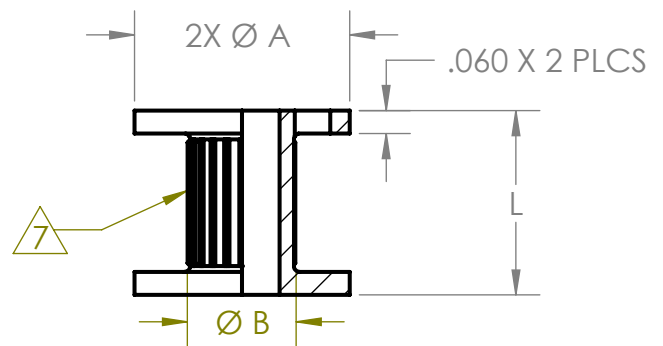
INSERT, MOLDED IN, CSK AND THRU CLEARANCE HOLE, SANDWICH PANEL



"OPTIONAL" SLOTS SHOWN



COUNTERSINK CLEARANCE HOLE STYLE



THRU CLEARANCE HOLE STYLE

TABLE I

FIRST DASH NO	Ø A +.000 -.010	Ø B	Ø C	Ø D CLEARANCE HOLE	J BASIC	K MIN	L (a) MIN	INSTALLATION HOLE SIZE
-06	.560	.30	.280	.139 - .145	.367	.260	.250	.561 - .566
-08	.560	.30	.332	.168 - .174	.367	.260	.250	.561 - .566
-3	.560	.30	.385	.195 - .201	.367	.260	.250	.561 - .566
-4	.685	.37	.507	.256 - .263	.467	.360	.312	.686 - .691
-5	.685	.47	.625	.315 - .322	.467	.360	.312	.686 - .691
-6	.841	.50	.750	.376 - .383	.591	.484	.375	.842 - .847

NAS 1834

INSERT, MOLDED IN, CSK AND THRU CLEARANCE HOLE, SANDWICH PANEL

(a) MINIMUM LENGTH WHICH MAY BE SPECIFIED.

MATERIAL: CARBON STEEL PER ASTM-A-108, ASTM A576 OR MATERIAL COMPOSITION PER FED-STD-66.
ULTIMATE TENSILE STRENGTH , 85 KSI MINIMUM
ALUMINUM ALLOY, GRADE 2024 (UNS A92024) TEMPER T4 OR T351 PER QQ-A-225/6.
CORROSION RESISTANT STEEL, TYPE 303 (UNS S30300) PER ASTM A582.

FINISH: CARBON STEEL - CADMIUM PLATE PER SAE-AMS QQ-P-416, TYPE II, CLASS 2.
ALUMINUM ALLOY - ANODIZE PER MIL-A-8625 TYPE I, CLASS OPTIONAL.
CRES - PASSIVATE PER ASTM-A-967.

CODING: NO LETTER AFTER BASIC NUMBER INDICATES CARBON STEEL, CADMIUM PLATED.
SUFFIX A TO BASIC NUMBER INDICATES AL ALLOY ANODIZED.
SUFFIX C TO BASIC NUMBER INDICATES CRES, PASSIVATED.
FIRST DASH NUMBER INDICATES CLEARANCE HOLE SIZE SEE TABLE I.
SUFFIX K TO FIRST DASH NUMBER INDICATES COUNTERSUNK TYPE.
SECOND DASH NUMBER INDICATES LENGTH IN THOUSANDTHS.

EXAMPLE OF PART NUMBER:

NAS1834-3-500 CARBON STEEL, CADMIUM PLATED, .500 LONG WITH THRU CLEARANCE HOLE FOR .1900 BOLT.
NAS 1834C4-500 CRES, PASSIVATED, .500 LONG, WITH THRU CLEARANCE HOLE FOR Ø .2500 BOLT
NAS 1834C4K1250 CRES, PASSIVATED, 1.250 WITH COUNTERSUNK THRU CLEARANCE HOLE FOR Ø .2500 BOLT.

NOTES:

1. TOLERANCES UNLESS OTHERWISE SPECIFIED:
.XXX = ± 0.10
.XX = ± 0.02
2. AN ADHESIVE BACKED INSTALLATION TAB NAS 1837 (PLASTIC WITTEN 2007) SHALL BE FURNISHED WITH EACH INSERT.
3. BURRS CAUSED BY MACHINING POTTING HOLES OR SLOTS PERMISSIBLE UNDER FLANGE.
4. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
5. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
6. EXTERNAL CONFIGURATION OPTIONAL IN THIS AREA FOR SHORT LENGTHS THROUGH .375.
7. STRAIGHT OR DIAMOND ANTI-ROTATIONAL KNURL. (MANUFACTURER'S OPTION)
8. POTTING AND VENT HOLES OR SLOTS. (MANUFACTURER'S OPTION)
9. ALL DIAMETERS TO BE CONCENTRIC (SAME AXIS) WITHIN .010".
10. DIMENSIONAL LIMITS APPLY AFTER PLATING.