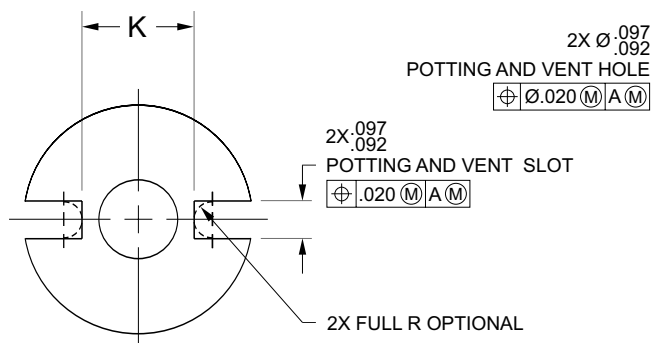
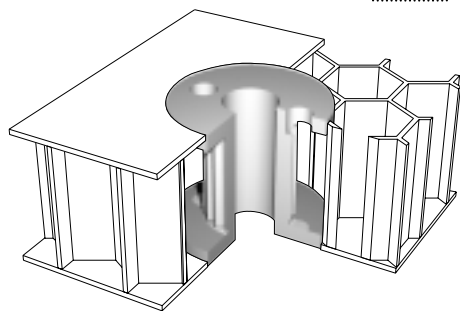
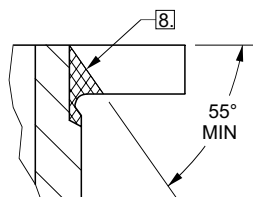
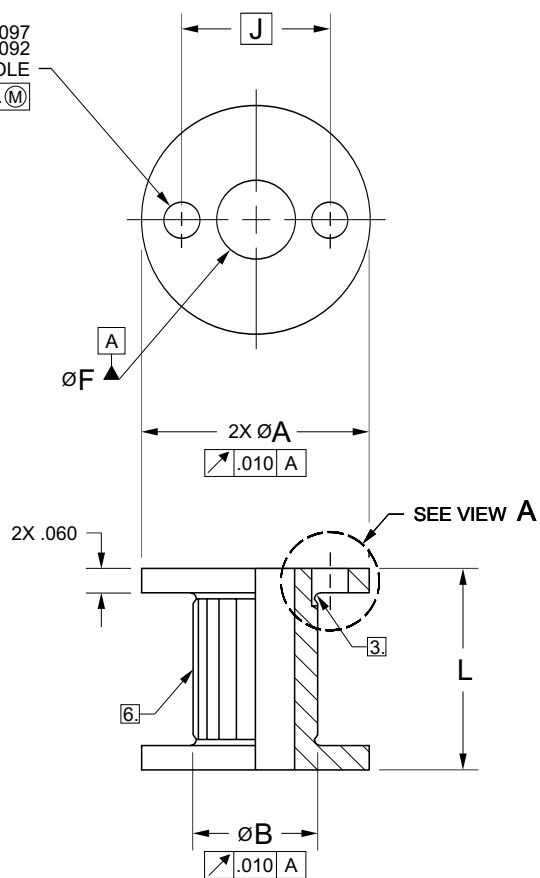




OPTIONAL SLOTS 7

VIEW A FOR
OPTIONAL SLOTS

PART NUMBER CODING:

TYE2003-3-500S

BASIC NUMBER _____
 MATERIAL CODE: SEE TABLE II _____
 SIZE CODE: SEE TABLE I _____

P - INDICATES CADMIUM PLATE ON CRES INSERT
 PER QQ-P-416, TYPE II, CLASS 2
 S - INDICATES SILVER PLATE PER AMS2410 OR AMS2411
 LENGTH 'L' IN THOUSANDTHS

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES

TOLERANCE ON
 DECIMAL: ANGLE:
 .XX: ±.02 ±2°
 .XXX: ±.010

The YOUNG ENGINEERS, Inc.

engineering • manufacturing • aerospace fasteners

P.O. BOX 278, LAKE FOREST, CA 92630-0278

**INSERT: MOLDED IN,
 CLEARANCE HOLE, SANDWICH PANEL**

SHEET 1 OF 2	CAGE CODE 56958	SERIES NUMBER TYE2003 SERIES
--------------	--------------------	---------------------------------

APPROVAL DATE 09-13-80 REVISION A 03-22-91 B 06-04-99



TABLE I

SIZE CODE	ØF CLEARANCE HOLE	ØA +.000 -.010	ØB	J BASIC	K MIN	L ^[5] MIN	INSTALLATION HOLE Ø	TAB CODE ^[9]
04	.113 - .119	.560	.30	.367	.260	.200	.561 - .566	NAS1837T3
06	.139 - .145	.560	.30	.367	.260	.200	.561 - .566	NAS1837T3
08	.168 - .174	.560	.30	.367	.260	.200	.561 - .566	NAS1837T3
3	.195 - .201	.560	.30	.367	.260	.200	.561 - .566	NAS1837T3
4	.256 - .263	.685	.37	.467	.360	.200	.686 - .691	NAS1837T6
5	.315 - .322	.685	.47	.467	.360	.250	.686 - .691	NAS1837T6
6	.376 - .383	.841	.50	.591	.484	.250	.842 - .847	NAS1837T9

TABLE II

MATL CODE	MATERIAL	FINISH
—	CARBON STEEL PER ASTM A 108, ASTM A 576, OR MATERIAL COMPOSITION PER FED-STD-66, ULTIMATE TENSILE STRENGTH 85KSI MIN	CAD PLATE PER QQ-P-416, TYPE II, CLASS 2
A	AL ALLOY, GRADE 2024, TEMPER T4 OR T351 PER QQ-A-225/6	ANODIZE PER MIL-A-8625, TYPE I, CLASS 1
C	CORROSION RESISTANT STEEL, TYPE 303 CRES PER ASTM A 582	PASSIVATE PER QQ-P-35, TYPE II

NOTES

1. DIMENSIONING AND TOLERANCING PRACTICES PER ASME Y14.5M-1994.
2. DIMENSIONAL LIMITS APPLY AFTER PLATING.
3. BURRS CAUSED BY MACHINING POTTING HOLES OR SLOTS PERMISSIBLE UNDER FLANGE.
4. SURFACE TEXTURE: 125 MICROINCHES PER ASME B46.1-1995.
5. MINIMUM LENGTH WHICH MAY BE SPECIFIED.
6. STRAIGHT OR DIAMOND ANTIROTATION KNURL (MANUFACTURER'S OPTION).
7. POTTING AND VENT HOLES OR SLOTS (MANUFACTURER'S OPTION).
8. CONFIGURATION WITHIN THIS AREA (MANUFACTURER'S OPTION).
9. AN ADHESIVE BACKED INSTALLATION TAB (ALUMINUM OR PLASTIC) SHALL BE FURNISHED WITH EACH INSERT. NOTE: WHEN TAB MATERIAL PREFERENCE IS DESIRED, PROCURING ACTIVITY SHALL SPECIFY.
10. FOR INSTALLATION PROCEDURE, REFER TO "INSTALLATION PROCEDURE FOR MOLDED IN INSERTS".
11. CONSULT THE TYE ENGINEERING DEPARTMENT FOR OTHER FINISHES, MATERIALS, OR SIZES.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCE ON
DECIMAL: ANGLE:
.XX: ± .02 ± 2°
.XXX: ± .010

The YOUNG ENGINEERS, Inc.

engineering • manufacturing • aerospace fasteners

P.O. BOX 278, LAKE FOREST, CA 92630-0278

**INSERT: MOLDED IN,
CLEARANCE HOLE, SANDWICH PANEL**

SHEET 2 OF 2	CAGE CODE 56958	SERIES NUMBER TYE2003 SERIES
--------------	---------------------------	--

APPROVAL DATE 09-13-80 REVISION A 03-22-91 B 06-04-99