

AS5166A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



REV.
A

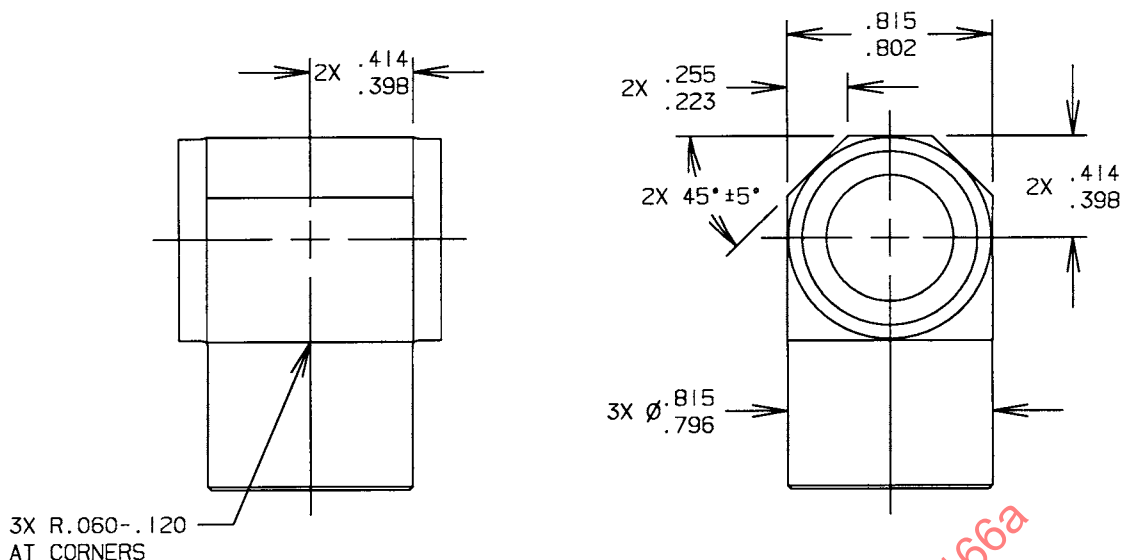


FIGURE 2 - 01, ALTERNATE CONFIGURATION
OF CENTER BODY SECTION /7/ /13/

NOTES:

/1/ MATERIAL:

- DASH AS CODE LETTER - TYPE 4130 STEEL FORGING OR BAR PER AMS-S-6758 OR AMS 6370 OR TYPE 4140 PER AMS 6382. /2/
- CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS 4928.
- CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY FORGING PER AMS 4141 OR AMS-QQ-A-367; OR 7075-T351 ALUMINUM ALLOY BAR PER AMS 4124; OR 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9. /2/

/2/ HEAT TREATMENT:

- DASH AS CODE LETTER - SEE HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.
- CODE LETTER T - NONE.
- CODE LETTER W - SEE ELECTRICAL CONDUCTIVITY AND HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.

3. FINISH:

- DASH AS CODE LETTER - CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2, DYE BLACK COAT WITH LIGHT FILM OF OIL PER PROCUREMENT SPECIFICATION.
- CODE LETTER T - ANODIZE PER AMS 2488, TYPE 2 OR FLUORIDE PHOSPHATE CONVERSION COAT PER AMS 2486 WITH COLOR PER PROCUREMENT SPECIFICATION.
- CODE LETTER W - ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, DYE BROWN, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.

/4/ PROCUREMENT SPECIFICATION: AS4875 EXCEPT AS SPECIFIED ON THIS STANDARD. USERS OF THIS STANDARD SHALL PROCURE THIS PRODUCT FROM ACCREDITED MANUFACTURER(S) OR ACCREDITED DISTRIBUTOR(S) AS LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED MANUFACTURERS LIST (QML) FOR THIS TYPE PRODUCT.

/5/ IDENTIFICATION AT LOCATION SHOWN: MARK MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, LETTERS "AS" AND MATERIAL CODE LETTER PER AS478 CLASS C OR D OR METHOD 7A3, 15A3, 15B.

/6/ INTENDED USE: THIS PART IS DESIGNED FOR USE IN SYSTEMS WITH A MAXIMUM OPERATING PRESSURE OF 3000 psi.

/7/ WHEN MACHINED FROM BAR OR OVERSIZED FORGING, THE CENTER BODY SHALL CONFORM TO THE ALTERNATE CONFIGURATION SHOWN IN FIGURE 2.

8. INTERPRETATION OF DRAWING PER ARP4296.

	AEROSPACE STANDARD		AS5166 SHEET 2 OF 3	REV. A
	FITTING, TEE, AIR PRESSURE GAUGE			