



NOTES, UNLESS OTHERWISE SPECIFIED:

1. MATERIAL:
  - 1.1 BARREL: 7075-T73 ALUMINUM ALLOY PER AMS-QQ-A-225/9.
  - 1.2 SCREW: 8740 ALLOY STEEL PER AMS 6322/MIL-S-6049.
  - 1.3 CAGE: C1050 CARBON STEEL PER AMS5085.
2. HEAT TREAT:
  - 2.1 SCREW: 160 KSI MINIMUM PER AMS-H-6875, AMS2759.
  - 2.2 CAGE: HRC 38-42 (170-200 KSI).
3. FINISH:
  - 3.1 BARREL: BLUE ANODIZE PER MIL-A-8625 TYPE II, CLASS 2.
  - 3.2 SCREW AND CAGE: CADMIUM PLATE PER QQ-P-416 TYPE II, CLASS 2.
4. WEIGHT: .0256 LBS/EA.
5. FLOAT: .030 RADIALLY FROM CENTER.
6. MECHANICAL PROPERTIES:
  - 6.1 ULTIMATE TENSILE STRENGTH: 5,500 LBS MIN.
  - 6.2 RECEPTACLE PUSH-OUT: 300 LBS ULTIMATE.
- <7> COMPONENTS MAY BE ORDERED SEPARATELY BY PART NUMBER:
  - 7.1 BARREL ASSEMBLY: CA1787-1
  - 7.2 CAGE: CA1787-4
8. USE CA1221-T10 TOOL TO REMOVE BARREL ASSEMBLY FROM CAGE.
9. TO BE USED WITH CA1700 OR CA17000 SERIES STUD NUTS (.2500-28, 4 LEAD THREAD)
10. CONSULT FAIRCHILD'S ENGINEERING DEPARTMENT FOR AVAILABILITY OF OPTIONAL MATERIALS, FINISHES OR SIZES.

S41078 PROJECT NUMBER: 69-177	UNLESS OTHERWISE SPECIFIED:
	TOLERANCE:
	DECIMALS:
	.XX ± .02
	.XXX ± .010
	ANGLE: ± 2°
APPROVED DATE	8 OCT 68
REV. LETTER AND DATE	P 27 JAN 00
DAF NUMBER	DAF 46574

**Fairchild** FAIRCHILD FASTENERS  
 ENGINEERING CENTER  
 3000 WEST LOMITA BOULEVARD  
 TORRANCE, CA 90505

CAGE CODE **29372**  
 TRIDAIR PRODUCT

**RECEPTACLE ASSEMBLY - FLOATING TYPE  
 TWO LUG**

**CA1787**