

MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN
CONSENT OF ALCOA FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.

THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN & ALL DESIGN, MANUFACTURING
PRODUCTION, USE & SALE RIGHTS REGARDING SAME ARE EXPRESSLY RESERVED.

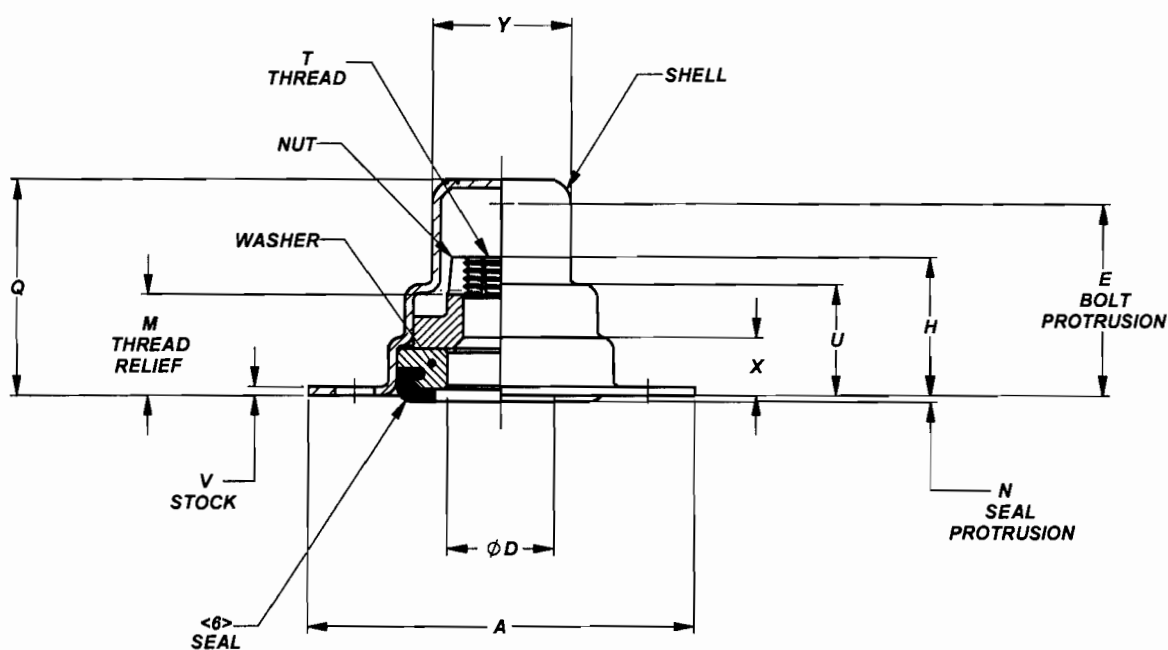
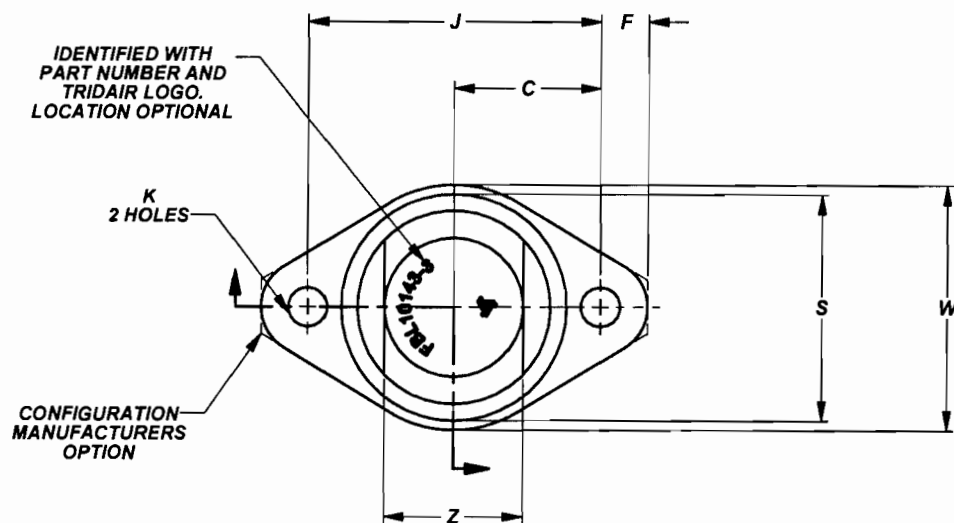


TABLE 1

PART NUMBER	T THREAD	A MAX	C	D MIN	E MAX	F MIN	H MAX	J	K	M MIN
FBL10143-3	.1900-32UNJF-3B	.970	.381 .371	.270	.490	.095	.350	.754 .750	.103 .098	.105

TABLE 1 CON'T

PART NUMBER	T THREAD	N	Q MAX	S	U	V MAX	W MAX	X	Y	Z MAX
FBL10143-3	.1900-32UNJF-3B	.020 .000	.560	.570	.240 .220	.030	.635	.145 .115	.422 .392	.515

APPROVED DATE
3 NOV 95

REV. LETTER AND DATE
H 4 SEP 15

DAF NUMBER
DAF 112408

CURRENT DESIGN ACTIVITY:

Alcoa
Fastening
Systems & Rings



TRIDAIR PRODUCTS
300 W. LOMITA BLVD.
TORRANCE, CA. 90505

TITLE:

NUTPLATE, FLOATING,
TWO LUG, FLAT BEAM LOCK,
SELF-LOCKING, DOMED

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES &
ASME Y14.6M TOLERANCES:

ANGLES
DECIMALS
XX = ±.02
XXX = ±.010

CURRENT DESIGN ACTIVITY:

CAGE CODE: 29372

SALES DRAWING NO.

FBL10143-3
FBL10143C3

SHEET 1 OF 2

S43890

Camloc . Delron . Deutsch . Huck . K-Fast . Kaynar . Microdot . RAM . Rosan . Screwcorp . Tridair . Vol - Shan

NOTES; UNLESS OTHERWISE SPECIFIED:

1. MATERIAL:
 - 1.1 NUT: A286 CRES PER AMS5731, AMS5732, AMS5734 OR AMS5737.
 - 1.2 SHELL: A286 CRES STEEL PER AMS5525, AMS5731, AMS5732 AMS5734 OR AMS5737.
 - 1.3 WASHER: A286 CRES PER AMS5731, AMS5732, AMS5734 OR AMS5737.
 - 1.4 SEAL: FLUOROSILICONE RUBBER PER MIL-R-25988. COLOR BLUE.
2. FINISH:
 - 2.1 NO CODE = NUT: PASSIVATE PER AMS2700.
SHELL: PASSIVATE PER AMS2700.
WASHER: PASSIVATE PER AMS2700.
 - 2.2 "C" CODE = NUT: CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
SHELL: CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
WASHER: CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
3. LUBRICATION:
 - 3.1 NUT: DRY FILM LUBRICANT PER AS5272 <8>.
4. PERFORMANCE:
 - 4.1 NASM2507, EXCEPT REUSEABILITY OF 50 CYCLES AND AS NOTED.
5. FLOAT ABILITY:
 - 5.1 .015 MINIMUM RADIALLY FROM CENTER. AXIAL FLOAT OF NUT ELEMENT, .010-.020.
- <6> SEAL MATERIAL SHALL BE OIL AND FUEL RESISTANT AND SHALL BE CAPABLE OF WITHSTANDING A TEMPERATURE RANGE OF -80°F TO 375° AND A PRESSURE OF 50 PSI ±5 PSI.
7. ANTI-SEIZE COMPOUND PER MIL-PRF-907 APPLIED TO INTERNAL THREADS.
- <8> COPPER OR NICKEL FLASH IS APPLIED TO "NO CODE" NUT AS PRETREATMENT FOR DRY FILM LUBRICANT.
9. UNLESS OTHERWISE SPECIFIED, DECIMALS: .XX ±.02, .XXX ±.010, ANGLE, ±2°.
10. PART NUMBER CALLOUT:
 - 10.1 FBL10143-3

THREAD SIZE IN 16ths = 3/16" THREAD
"C" FOR CADMIUM PLATED NUT, SHELL AND WASHER
BASIC PART NUMBER

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.XXX = ±.010

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FBL10143C3

SHEET 2 OF 2