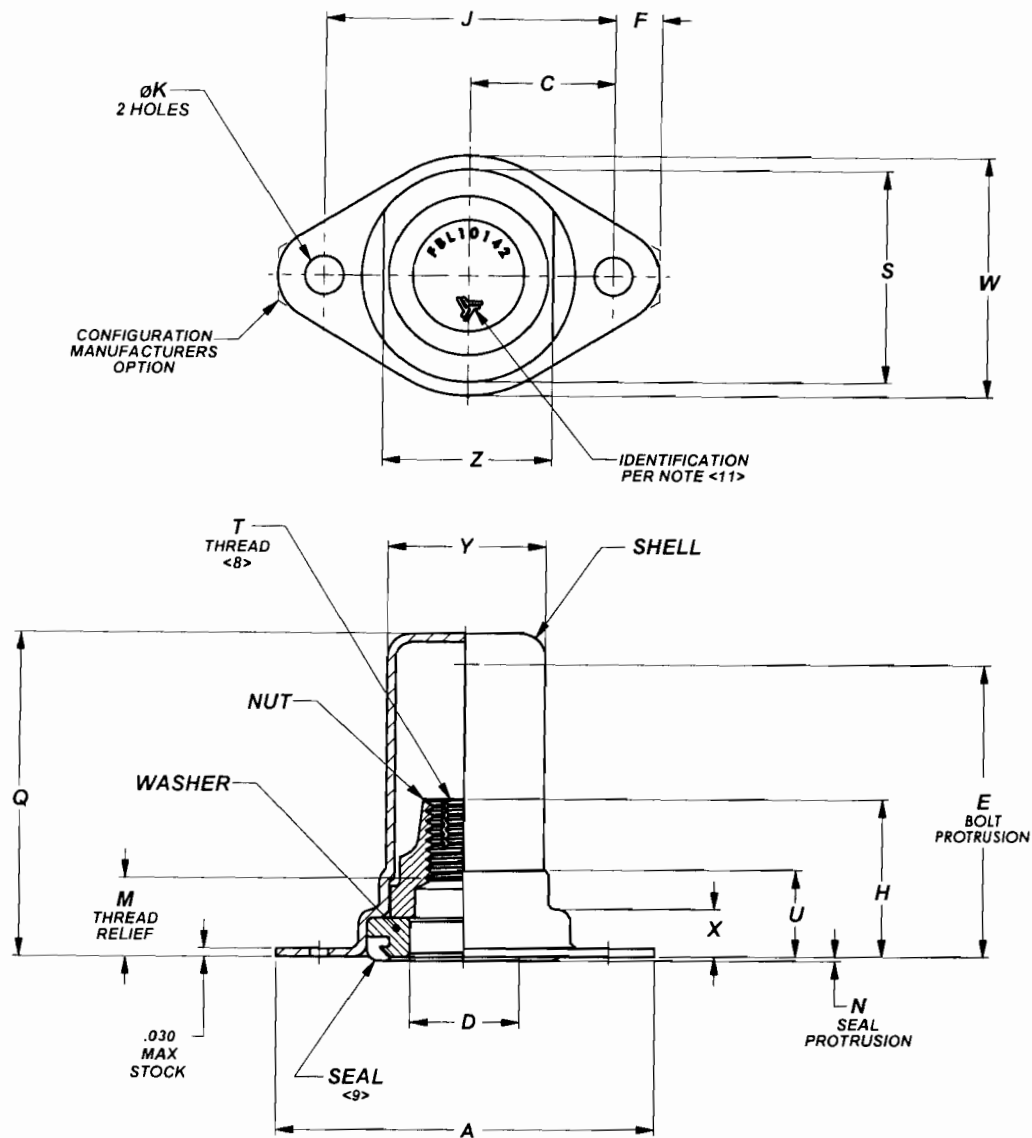


Camloc . Delron . Deutsch . Huck . K-Fast . Kaynar . Microdot . RAM . Rosan . Screwcorp . Tridair . Voi - Shan



INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
P/1	10/21/10	94301

TABLE 1

PART NUMBER	T THREAD <8>	A MAX	C	D MIN	E MAX	F MIN	H MAX	J	K	M MIN
FBL10142-4-2	.2500-28UNJF-3B	.970	.381 .371	.280	.690	.095	.360	.754 .750	.103 .098	.125
FBL10142-4-3	.2500-28UNJF-3B	.970	.381 .371	.280	.690	.095	.422	.754 .750	.103 .098	.187
FBL10142-4-4	.2500-28UNJF-3B	.970	.381 .371	.280	.690	.095	.485	.754 .750	.103 .098	.250
FBL10142-4-5	.2500-28UNJF-3B	.970	.381 .371	.280	.690	.095	.546	.754 .750	.103 .098	.313
FBL10142-4-6	.2500-28UNJF-3B	.970	.381 .371	.280	.690	.095	.608	.754 .750	.103 .098	.375

TABLE 1 CON'T

PART NUMBER	T THREAD <8>	N	Q MAX	S	U	W MAX	X	Y	Z MAX
FBL10142-4-2	.2500-28UNJF-3B	.020 .000	.860	.570	.230 .215	.635	.145 .115	.419 .389	.515
FBL10142-4-3	.2500-28UNJF-3B	.020 .000	.860	.570	.230 .215	.635	.145 .115	.419 .389	.515
FBL10142-4-4	.2500-28UNJF-3B	.020 .000	.860	.570	.230 .215	.635	.145 .115	.419 .389	.515
FBL10142-4-5	.2500-28UNJF-3B	.020 .000	.860	.570	.230 .215	.635	.145 .115	.419 .389	.515
FBL10142-4-6	.2500-28UNJF-3B	.020 .000	.860	.570	.230 .215	.635	.145 .115	.419 .389	.515

APPROVED DATE
20 OCT 95

REV. LETTER AND DATE

F 25 MAR 08

DAF NUMBER

DAF 82242

CURRENT DESIGN ACTIVITY:

Alcoa
Fastening
SystemsTRIDAIR PRODUCTS
3000 W. LOMITA BLVD.
TORRANCE, CA 90505

TITLE:

NUTPLATE, FLOATING
TWO LUG, FLAT BEAM LOCK,
SELF-LOCKING, DOMEDUNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES &
ASME Y14.5M TOLERANCES:ANGLES
DECIMALS
.XX = ±.02
.XXX = ±.010

CURRENT DESIGN ACTIVITY:

CAGE CODE: 29372

SALES DRAWING NO.

FBL10142-4-()
 FBL10142C4-()

SHEET 1 OF 2

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.

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

NOTES; UNLESS OTHERWISE SPECIFIED:

2. MATERIAL:
- 2.1 NUT: A286 CRES STEEL PER AMS5731, AMS5732, AMS5734 AND/OR AMS5737.
- 2.2 SHELL: A86 CRES STEEL PER AMS5525 OR AMS5731, AMS5732, AMS5734 OR AMS5737.
- 2.3 WASHER: A286 CRES STEEL PER AMS5731, AMS5732, AMS5734 AND/OR AMS5737.
- 2.4 SEAL: FLUOROSILICONE RUBBER AMS-R-25988. COLOR BLUE.
3. HEAT TREAT:
- 3.1 NUT: AMS-H-6875 OR AMS2759.
- 3.2 SHELL: TO MEET MECHANICAL PROPERTIES.
- 3.3 WASHER: OPTIONAL.
4. FINISH:
- 4.1 NUT: "NO" CODE = SILVER PLATE PER AMS2410.
"C" CODE = CADMIUM PLATE PER AMS-QQ-P-416, TYPR II, CLASS 2.
- 4.2 SHELL: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
- 4.3 WASHER: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
5. LUBRICANT:
- 5.1 NUT: DRY FILM LUBE PER AS5272 AND ANTI-SEIZE COMPOUND PER MIL-PRF-907 ADDED TO THREADS AFTER DRY FILM LUBE.
6. FLOAT: NUT ELEMENT SHALL FLOAT .015 MINIMUM RADIALLY FROM CENTERED POSITION, NUT SHALL BE CAPABLE OF ENGAGEMENT WITH A BOLT IN THE MAXIMUM MISALIGNED POSITION.
7. PERFORMANCE:
- 7.1 NASM25027, AS APPLICABLE.
- <8> THREADS PER AS8879 PRIOR TO APPLYING SELF-LOCKING ACTION.
- <9> SEAL MATERIAL SHALL BE OIL AND FUEL RESISTANT AND SHALL BE CAPABLE OF WITHSTANDING A TEMPERATURE RANGE OF -65°F TO 350° AND A PRESSURE OF 50 PSI ±5 PSI.
10. SHAPE WITHIN ENVELOPE SHOWN OPTIONAL.
- <11> PART IDENTIFIED WITH TRIDAIR LOGO, PART NUMBER, AND DASH NUMBERS. BOTH DASH NUMBERS SHALL BE LEGIBLY MARKED ON CENTERLINE OF SHELL. METHOD AND ORIENTATION OPTIONAL IN LOCATION AS SHOWN.

INTERIM DOCUMENT REVISION		
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APPROVED DATE
20 OCT 95REV. LETTER AND DATE
F 25 MAR 00DAF NUMBER
DAF 82242Alcoa
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DIMENSIONS ARE IN INCHES &
ASME Y14.5M TOLERANCES:ANGLES
DECIMALS
.XX = ±.02
.XXX = ±.010

CURRENT DESIGN ACTIVITY:

CAGE CODE: 5M902

SALES DRAWING NO.

FBL10142-4-()
FBL10142C4-()

SHEET 2 OF 2

MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN
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