

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

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.

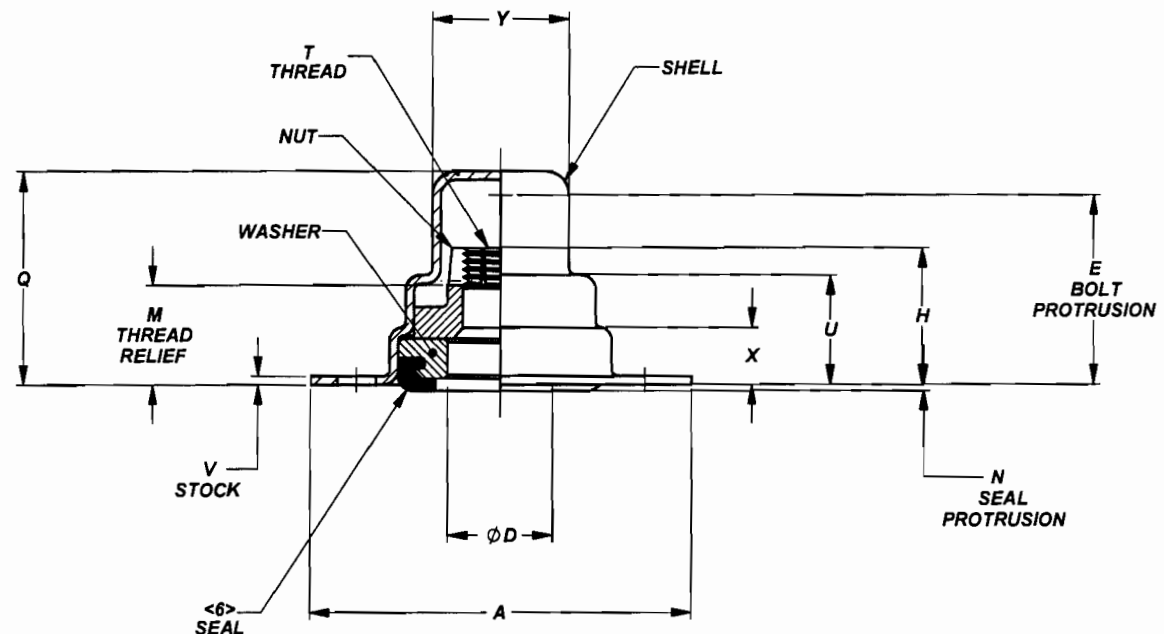
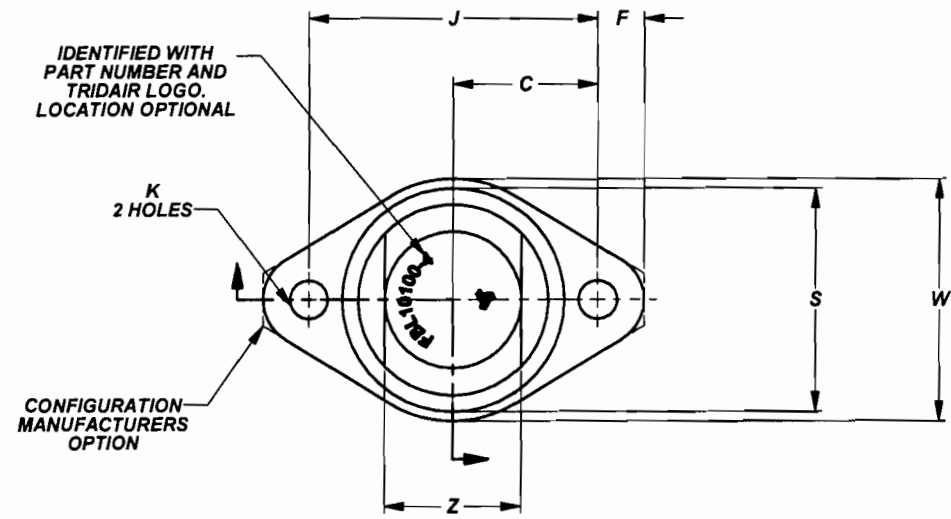


TABLE 1

PART NUMBER	T THREAD	A MAX	C	D MIN	E MAX	F MIN	H MAX	J	K	M MIN	N
FBL10100-4	.2500-28UNJF-3B	.970	.381 .371	.280	.490	.095	.350	.754 .750	.103 .098	.105	.020 .000

TABLE 1 CON'T

PART NUMBER	T THREAD	Q MAX	S	U	V MAX	W MAX	X	Y	Z MAX	APPROXIMATE WEIGHT LBS/100
FBL10100-4	.2500-28UNJF-3B	.560	.570	.240 .220	.030	.635	.145 .115	.422 .392	.515	1.20

APPROVED DATE 26 APR 90 REV. LETTER AND DATE G 4 SEP 15 DAF NUMBER DAF 112409	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	CURRENT DESIGN ACTIVITY: CAGE CODE: 29372 SALES DRAWING NO. FBL10100-4 FBL10100C4 SHEET 1 OF 2
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & ASME Y14.5M TOLERANCES:		
	ANGLES DECIMALS .XX = ±.02 .XXX = ±.010		

S42065

NOTES; UNLESS OTHERWISE SPECIFIED:

1. MATERIAL:
 - 1.1 NUT: 4130 ALLOY STEEL PER AMS6382 OR 8740 ALLOY STEEL PER AMS6322.
 - 1.2 SHELL: A286 CRES STEEL PER AMS5525, AMS5732.
 - 1.3 WASHER: C1117 PER QQ-S-633, 4130 PER AMS6350 OR AMS6370 OR 4340 PER AMS6415.
 - 1.4 SEAL: FLUOROSILICONE RUBBER PER MIL-R-25988. COLOR BLUE.
2. FINISH:
 - 2.1 NO CODE = NUT: CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
SHELL: PASSIVATE PER AMS2700.
WASHER: CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
 - 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.
4. PERFORMANCE:
 - 4.1 NASM25027, EXCEPT REUSEABILITY OF 50 CYCLES AND AS NOTED.
5. FLOATABILITY:
 - 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. UNLESS OTHERWISE SPECIFIED, DECIMALS: .XX ±.02, .XXX ±.010, ANGLE, ±2°.
9. PART NUMBER CALLOUT:
 - 9.1 FBL10100 - 4
 └─ THREAD SIZE IN 16ths = 1/4" THREAD
 └─ "C" FOR CADMIUM PLATED NUT, SHELL AND WASHER
 └─ BASIC PART NUMBER

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.

APPROVED DATE
26 APR 90

REV. LETTER AND DATE
G 4 SEP 15

DAF NUMBER
DAF 112409

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 Y14.5M TOLERANCES:

ANGLES
DECIMALS .XX = ±.02
XXX = ±.010

CURRENT DESIGN ACTIVITY:

CAGE CODE: 29372

SALES DRAWING NO.

FBL10100-4
FBL10100C3

SHEET 2 OF 2

S42065