

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
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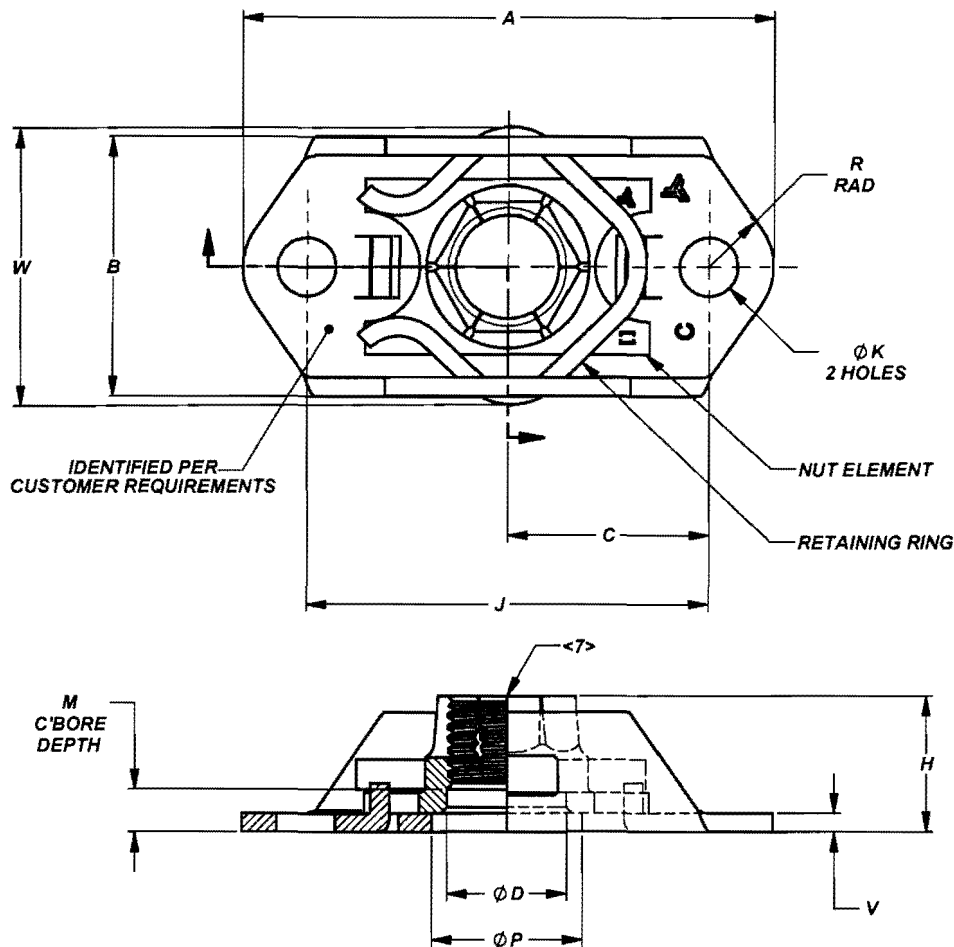


TABLE 1

DASH NUMBER	THREAD PER AS8879 <7>	A MAX	B MAX	C ±.005	Ø D REF	F MIN	H MAX	J ±.002	Ø K +.005 - .000	M C'BORE MIN	Ø P MIN	V ±.005	W MAX	APPROX. WEIGHT LBS./100
- 3 - 1	.1900-32UNJF-3B	.948	.454	.344	.194	.100	.250	.688	.098	.070	.250	.032	.484	.67
- 3 - 2							.312			.125				.74
- 3 - 3							.375			.188				.79
- 3 - 4							.438			.250				.84
- 3 - 5							.500			.313				.89
- 3 - 6							.562			.375				.94
- 4 - 1	.2500-28UNJF-3B	1.292	.554	.500	.254	.125	.295	1.000	.098	.070	.310	.032	.584	1.17
- 4 - 2							.357			.125				1.27
- 4 - 3							.419			.188				1.36
- 4 - 4							.481			.250				1.44
- 4 - 5							.543			.313				1.54
- 4 - 6							.605			.375				1.62
- 5 - 1	.3125-24UNJF-3B	1.292	.650	.500	.317	.125	.344	1.000	.130	.070	.373	.040	.720	1.92
- 5 - 2							.400			.125				1.97
- 5 - 3							.461			.188				2.10
- 5 - 4							.524			.250				2.21
- 5 - 5							.586			.313				2.32
- 5 - 6							.649			.375				2.43

APPROVED DATE
5 JAN 87

REV. LETTER AND DATE
L 12 FEB 14

DAF NUMBER
DAF 107114

CURRENT DESIGN ACTIVITY:

Alcoa
Fastening
Systems



TRIDAIR PRODUCTS
3000 W. LOMITA BLVD.
TORRANCE, CA 90505

TITLE:

NUT-ANCHOR, TWO-LUG
FLAT BEAM LOCK,
CLIP-IN, A286 CRES

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES &
ASME Y14.5M TOLERANCES:

ANGLES
DECIMALS
XX = ±.01
XXX = ±.010

CURRENT DESIGN ACTIVITY:

CAGE CODE: 29372

SALES DRAWING NO.

FBL10043-()-()

SHEET 1 OF 2

542029

TABLE 2

PART MATERIAL	SEATING TORQUE MAXIMUM	INSTALLATION OR REMOVAL TORQUE MAXIMUM	BREAKAWAY TORQUE MINIMUM	AXIAL TENSILE STRENGTH POUNDS MINIMUM	PUSHOUT STRENGTH LBS. MINIMUM	TORQUE-OUT STRENGTH IN/LBS. MINIMUM
FBL10043-3-()	36.0 IN/LBS.	18.0 IN/LBS.	2.0 IN/LBS.	2,825	200	90
FBL10043-4-()	60.0 IN/LBS.	30.0 IN/LBS.	3.5 IN/LBS.	5,060	225	160
FBL10043-5-()	120.0 IN/LBS.	60.0 IN/LBS.	6.5 IN/LBS.	7,000	250	280

NOTES; UNLESS OTHERWISE SPECIFIED:

1. MATERIAL:

- 1.1 CAGE: A286 CORROSION RESISTANT STEEL PER AMS5525, HEAT TREATED.
1.2 CLIP: 302 CRES STEEL PER AMS5688 OR 18-2MN CRES, OR XM-28 PER CHEMISTRY OF ASTM A313.
1.3 NUT: A286 CORROSION RESISTANT STEEL, COMPOSITION PER AMS5732 OR AMS5737, HEAT TREATED.

2. FINISH:

- 2.1 CAGE: "NO CODE" - PASSIVATED PER AMS2700.
"CN CODE" - PASSIVATED PER AMS2700.
"C CODE" - CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
2.2 CLIP: PASSIVATED PER AMS2700.
2.3 NUT: "NO CODE" - SILVER PLATED PER AMS2410.
"C CODE" - CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
"CN CODE" - ELECTROLESS NICKEL PLATED PER MIL-C-26074, CLASS 1. <8>

3. LUBRICATION:

- 3.1 CAGE: NONE.
3.2 CLIP: NONE.
3.3 NUT: MOLYBDENUM DISULFIDE DRY FILM COATED PER AS5272.

4. FLOATABILITY: .030 MINIMUM RADIALLY FROM CENTERED POSITION.

5. PERFORMANCE: NASM25027, EXCEPT:

- 1.) AXIAL TENSILE STRENGTH, PUSHOUT AND TORQUE-OUT AS TABULATED.
2.) LOCKING TORQUE CAPABLE OF 50 REUSE CYCLES, SEATED TO THE VALUES AS TABULATED.
3.) TEST BOLT MATERIAL TO BE A286 CRES.

6. ANTI-SEIZE COMPOUND PER MIL-PRF-907 APPLIED TO INTERNAL THREADS.

<7> THREADS PER AS8879, PRIOR TO LUBRICATION AND FORMING SELF-LOCKING ACTION.

<8> OPTIONAL: NICKEL PLATED PER AMS2403.

9. PART NUMBER EXAMPLE:

- 9.1 FBL10043 - 4 - 2
2nd DASH NUMBER INDICATES "M" COUNTERBORE DEPTH .125 DEPTH SHOWN.
FIRST DASH NUMBER INDICATES THREAD SIZE IN 16ths (.2500-28UNJF SHOWN)
FINISH VARIATION ADD "C" FOR CADMIUM PLATED PARTS, "CN" FOR NICKEL PLATED PARTS (IN LIEU OF DASH MARK)
BASIC PART NUMBER

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