

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.

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

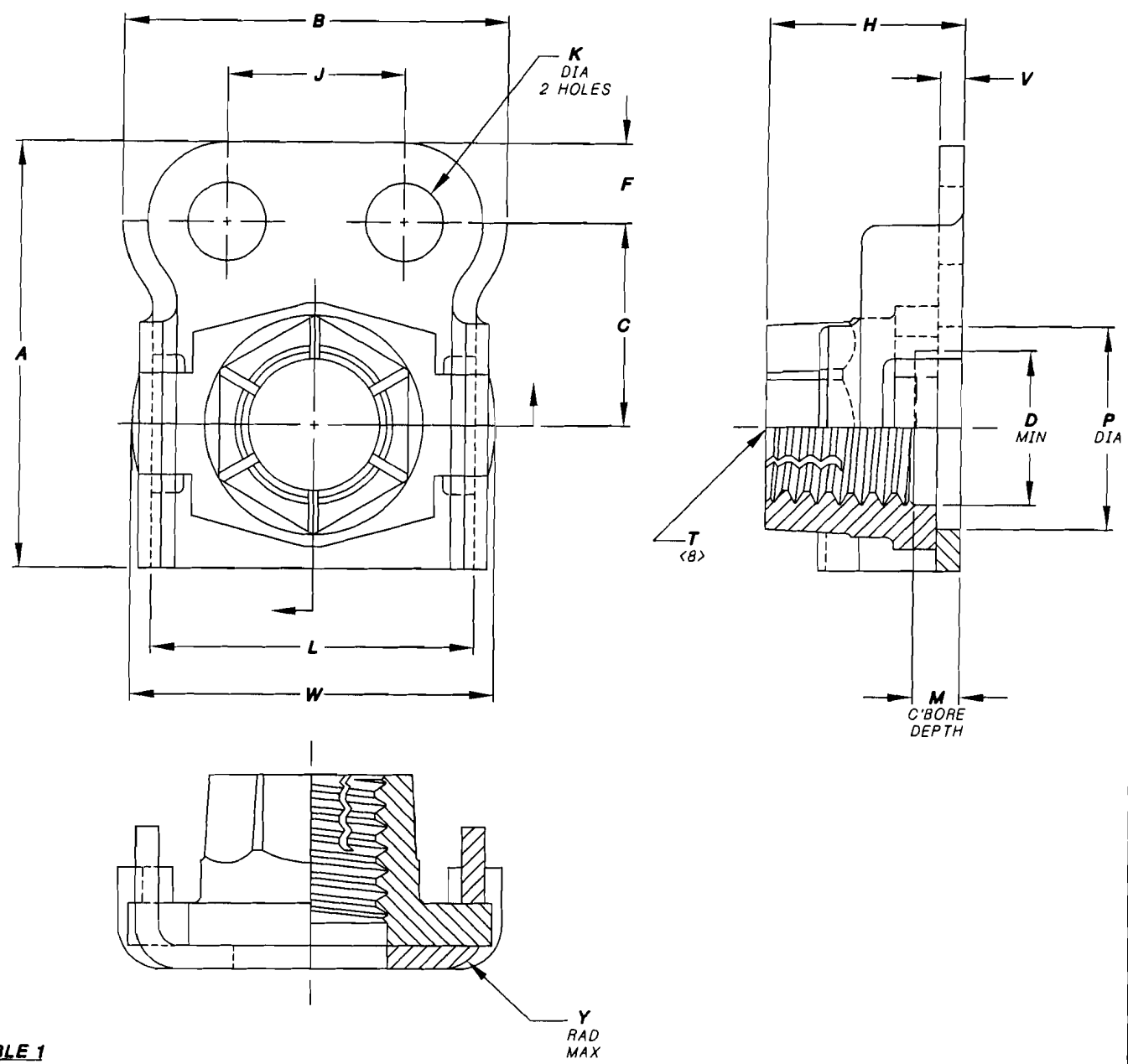


TABLE 1

DASH NUMBER	T THREAD SIZE <8>	A MAX	B MAX	C	D DIA MIN	F MIN	H MAX	J	K	L MAX	M MIN	P DIA MAX	V MAX	W	Y RAD MAX
-3	.1900-32UNJF-3B	.525	.490	.250	.194	.100	.250	.221 .217	.103 .098	.409	.062	.240	.045	.460 .410	.055
-4	.2500-28UNJF-3B	.617	.502	.281	.254	.100	.281	.221 .217	.103 .098	.526	.062	.300	.045	.562 .512	.065
-5	.3125-24UNJF-3B	.767	.609	.359	.317	.125	.328	.271 .267	.135 .130	.588	.062	.357	.045	.619 .569	.065

TABLE 1 (CON'T)

DASH NUMBER	T THREAD SIZE <8>	AXIAL TENSILE STRENGTH LBS MIN	SEATING TORQUE IN-LBS
-3	.1900-32UNJF-3B	2,460	36.0
-4	.2500-28UNJF-3B	4,580	60.0
-5	.3125-24UNJF-3B	7,390	120.0

APPROVED DATE 25 JUL 95	CURRENT DESIGN ACTIVITY: Alcoa Fastening Systems ALCOA	TITLE: NUT PLATE, FLAT BEAM LOCK SIDE BY SIDE, REDUCED RIVET SPACE, FLOATING, A286 CRES	CURRENT DESIGN ACTIVITY: CAGE CODE: 29372
REV. LETTER AND DATE D 28 JAN 09	TRIDAIR PRODUCTS 3000 W. LOMITA BLVD. TORRANCE, CA 90505	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & ASME Y14.5M TOLERANCES:	SALES DRAWING NO. FBL10140-() FBL10140C()
DAF NUMBER DAF 86688		ANGLES DECIMALS .XX = .02 .XXX = .010	SHEET 1 OF 2

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

NOTES; UNLESS OTHERWISE SPECIFIED:

- 1. MATERIAL:
 - 1.1 NUT: A286 CORROSION RESISTANT STEEL, COMPOSITION PER AMS5732 OR AMS5737, HEAT TREATED.
 - 1.2 CAGE: A286 CORROSION RESISTANT STEEL PER AMS5525, HEAT TREATED.

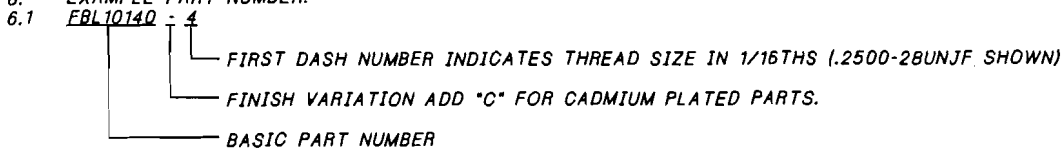
- 2. FINISH: PASSIVATED PER AMS2700.
 - 2.1 CAGE: "NO CODE" -
 - 2.1.1 "C" CODE - CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
 - 2.2 NUT: "NO CODE" - SILVER PLATED PER AMS2410.
 - 2.2.1 "C" CODE - CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.

- 3. LUBRICATION:
 - 3.1 CAGE: NONE
 - 3.2 NUT: MOLYBDENUM DISULFIDE DRY FILM COATED PER AS5272.

- 4. FLOATABILITY: .020 MINIMUM RADIALY FROM CENTERED POSITION.

- 5. PERFORMANCE: NASM25027, EXCEPT;
 - 5.1 1.) LOCKING TORQUE CAPABLE OF 50 REUSE CYCLES, SEATED TO THE VALUES AS TABULATED.
 - 5.2 2.) TEST BOLT MATERIAL TO BE A286 CRES WITH A MINIMUM TENSILE STRENGTH OF 140,000 PSI.

6. EXAMPLE PART NUMBER:



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

(8) THREADS PER AS8879, PRIOR TO LUBRICATION AND FORMING SELF-LOCKING ACTION.

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				ANGLES - ± 3° DECIMALS .XX ± .02 .XXX ± .010		SHEET 2 OF 2	