

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.

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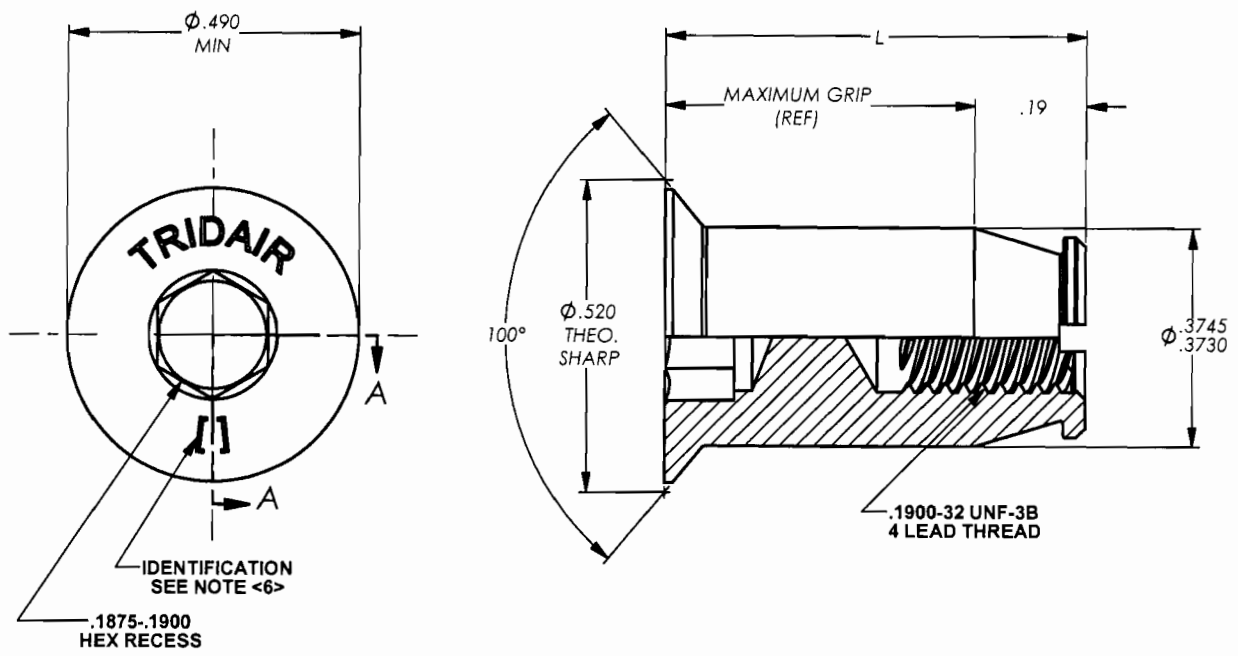


TABLE 1

DASH NUMBER	L	GRIP RANGE		WEIGHT LBS/100
		MINIMUM	MAXIMUM	
-1	.437	.180	.250	1.24
-2	.531	.251	.343	1.38
-3	.625	.344	.437	1.52
-4	.718	.438	.531	1.66
-5	.812	.532	.625	1.95
-6	.906	.626	.718	2.35
-7	1.000	.719	.812	2.75
-8	1.093	.813	.906	3.15
-9	1.187	.907	1.000	3.55
-10	1.281	1.001	1.090	3.95
-11	1.375	1.091	1.187	4.35
-12	1.468	1.188	1.281	4.75
-13	1.562	1.282	1.375	5.15

APPROVED DATE
14 MAR 13

REV. LETTER AND DATE
R 14 MAR 13

DAF NUMBER
DAF 103838

CURRENT DESIGN ACTIVITY:
Alcoa Fastening Systems

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

TITLE:
STUD NUT
100° C'SINK, HEX RECESS

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

ANGLES = ±3°
DECIMALS .XX = ±.02
.XXX = ±.010

CURRENT DESIGN ACTIVITY:
CAGE CODE: 29372

SALES DRAWING NO.
CA1721HS-()

SHEET 1 OF 2

S45348


NOTES; UNLESS OTHERWISE SPECIFIED:

- 1. MATERIAL:
 - 1.1 STUD NUT: ALLOY STEEL 4140 PER AMS6382 OR MIL-S-5626 OR 8740 PER AMS6322 OR MIL-S-6049.
 - 1.2 STUD NUT: 300 SERIES CRES PER ASTM-A-531, AMS5640.
- 2. HEAT TREAT:
 - 2.1 STUD NUT: FOR ALLOY STEEL 160 KSI MINIMUM ULTIMATE TENSILE STRENGTH PER AMS2759.
- 3. FINISH: <7>
 - 3.1 CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
 - 3.2 BLACK OXIDE PER MIL-C-13924, CLASS 4.
 - 3.3 PASSIVATE PER AMS2700.
- 4. THIS STUD NUT TO BE USED WITH CA1711 RECEPTACLE AND CA1727 OR CA1727-2 RETAINING RING.
- 5. MECHANICAL REQUIREMENTS:
 - 5.1 ULTIMATE SINGLE SHEAR 4,525 LBS. THRU TAPPED HOLE.
 - 5.2 ULTIMATE TENSILE STRENGTH 2,720 LBS.
 - 5.3 SAMPLE SIZE FOR SINGLE SHEAR AND TENSILE PER ANSI Z1.4, LEVEL S-2.
- <6> IDENTIFICATION SHALL INCLUDE "TRIDAIR" NAME OR LOGO AND DASH NUMBER RAISED OR DEPRESSED .010 MAXIMUM DEPTH. MARKING METHOD AND ORIENTATION OPTIONAL.
- <7> PART NUMBER EXAMPLE:
 - 7.1 CA1721HS - 2
 - └ CADMIUM PLATED ALLOY STEEL
 - └ LENGTH = .531, GRIP LENGTH = .297 (NOMINAL) PER TABLE 1
 - └ BASIC PART NUMBER
 - 7.2 CA1721HS - 2 B
 - └ BLACK OXIDED CRES
 - 7.3 CA1721HS - 2 C
 - └ CADMIUM PLATED CRES
 - 7.4 CA1721HS - 2 S
 - └ PASSIVATED CRES

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APPROVED DATE 14 MAR 13	CURRENT DESIGN ACTIVITY: Alcoa Fastening Systems 	TITLE: STUD NUT 100° C'SINK, HEX RECESS	CURRENT DESIGN ACTIVITY: CAGE CODE: 29372
REV. LETTER AND DATE R 14 MAR 13			SALES DRAWING NO.
DAF NUMBER DAF 103838	TRIDAIR PRODUCTS 3000 W. LOMITA BLVD. TORRANCE, CA 90505	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & ASME Y14.5M TOLERANCES:	CA1721HS-()
		ANGLES = ±3° DECIMALS .XX = ±.02 .XXX = ±.010	SHEET 2 OF 2