



MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT OF HOWMET FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.

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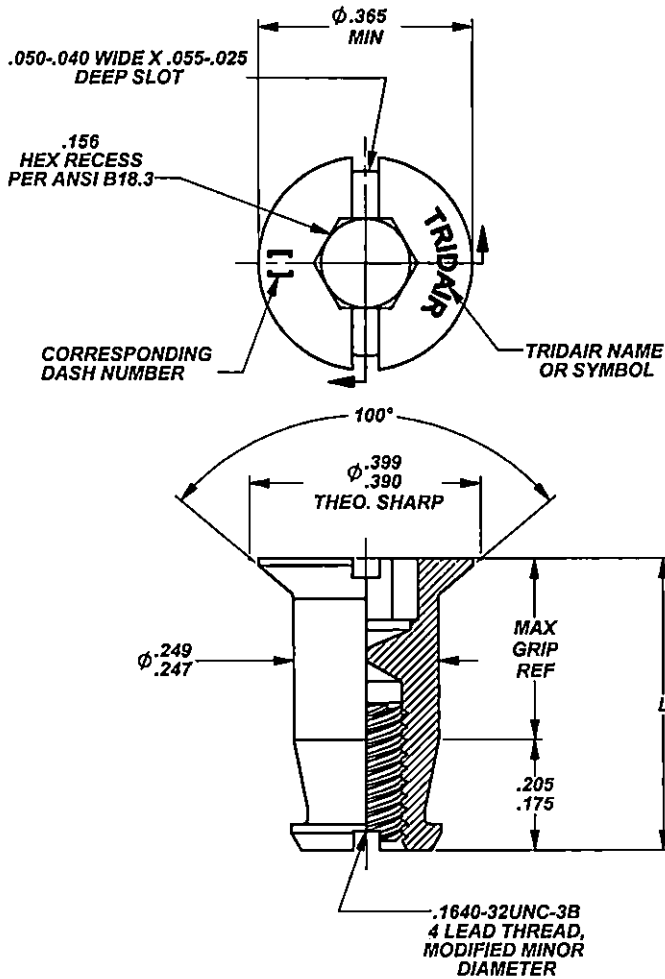


TABLE 1

DASH NUMBER	L	GRIP RANGE		APPROX WEIGHT LBS/100
		MINIMUM	MAXIMUM	
-0	.375	.093	.155	.20
-1	.437	.156	.250	.33
-2	.531	.251	.343	.46
-3	.625	.344	.437	.52
-4	.718	.438	.531	.63
-5	.812	.532	.625	.74
-6	.906	.626	.718	.85
-7	1.000	.719	.812	.96
-13	1.562	1.282	1.375	1.82
-14	1.656	1.376	1.468	1.73

NOTES; UNLESS OTHERWISE SPECIFIED:

1. **MATERIAL:**
 - 1.1 300 SERIES CRES PER ASTM-A-581/582/320, AMS5640/5738, AMS-QQ-S-763.
2. **FINISH:**
 - 2.1 PASSIVATED PER AMS2700.
 - 2.2 ADD SUFFIX "B" AFTER DASH NUMBER FOR BLACK OXIDE FINISH PER MIL-C-13924, CLASS 4.
EXAMPLE: CA1832-()B
 - 2.3 ADD SUFFIX "A" AFTER DASH NUMBER FOR ALUMINUM COATING PER NAS4006.
COATING ON ID THREADS OPTIONAL.
EXAMPLE: CA1832-()A
 - 2.4 ADD SUFFIX "K" AFTER DASH NUMBER FOR ION VAPOR DEPOSITION PER MIL-DTL-83488 TYPE II,
CLASS 3. COATING ON ID THREADS OPTIONAL.
EXAMPLE: CA1832-()K.
3. USE WITH CA1810 RECEPTACLE AND CA1825, CA1826-1 OR CA18377 RETAINING RING.
4. CONSULT HOWMET FASTENING SYSTEMS ENGINEERING DEPARTMENT FOR AVAILABILITY OF OPTIONAL MATERIALS, FINISHES AND SIZES.
5. **MECHANICAL PROPERTIES:**
 - 5.1 ULTIMATE TENSILE STRENGTH: 1,650 LBS MINIMUM.
 - 5.2 ULTIMATE SINGLE SHEAR STRENGTH: 1,800 LBS MINIMUM (THRU SHANK),
1,500 LBS MINIMUM (THRU RECESS).
6. THE MECHANICAL PROPERTIES SHOWN ARE CALCULATED VALUES. MECHANICAL TESTING MAY NOT BE PERFORMED ON EACH PRODUCTION LOT.

PROJECT NUMBER: 13PNL046, 13PNL081

ORIGINAL DESIGN ACTIVITY: CAGE CODE 29372, TRIDAIR PRODUCTS

APPROVED DATE 22 JUL 69	CURRENT DESIGN ACTIVITY: Howmet Fastening Systems (HFS)	TITLE: STUD NUT	CURRENT DESIGN ACTIVITY: CAGE CODE: 29372
REV. LETTER DATE R 21 JUN 23	TORRANCE OPERATIONS		SALES DRAWING NO.
DAF NUMBER 122447	TRIDAIR PRODUCTS 3000 W. LOMITA BLVD. TORRANCE, CA. 90505	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & ASME Y14.5M TOLERANCES: ANGLES DECIMALS XX = ±3° XXX = ±.02° XXX = ±.010	CA1832-()
S41148			SHEET 1 OF 1