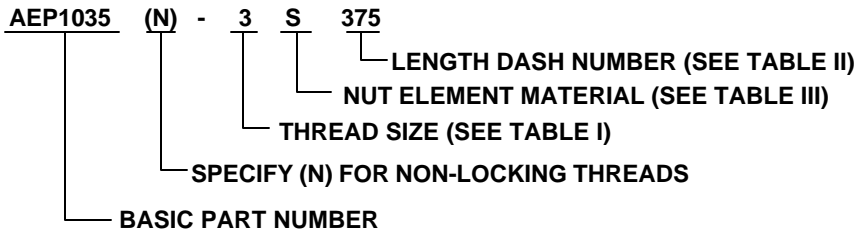


**HONEYCOMB PANEL WITH
 POTTED-IN FLOATING INSERT**

**PROPRIETARY DATA
 OF ADVANCED ENGINEERED PRODUCTS
 NOT TO BE RELEASED WITHOUT
 EXPRESSED WRITTEN PERMISSION**

PART NUMBER EXAMPLE



U.S. PATENT NO. 4,973,208 AND 5,632,582

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES

TOLERANCE ON DECIMALS
 .X =
 .XX = ±.02
 .XXX = ±.010
 ANGLES = 2°

**CODE IDENT.
 08ST2**



ADVANCED ENGINEERED PRODUCTS, INC.
 1871 NW Gilman Blvd., Issaquah, WA 98027
 425/451-0514 Fax 425/454-2932

| | |
|---------|----------|
| SCALE | NONE |
| DATE | 04/26/96 |
| DRAWN | JPG |
| REVISED | 03/20/00 |

**INSERT, POTTED-IN TYPE
 BLIND THREADED, SELF-LOCKING
 NON-SELF-LOCKING, FLOATING NUT**

APPROVED **Richard F. Gauron**

DWG NO. **AEP1035 SH 1/2**

Rev. **E**

**PROPRIETARY DATA
 OF ADVANCED ENGINEERED PRODUCTS
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TABLE I

| SIZE CODE | T THREAD MIL-S-8879 | Ø A | B REF | INSTALLATION HOLE SIZE |
|-----------|---------------------------|-------|----------|---------------------------|
| 04 | .1120-40UNJC-3B | .560 | .150 | .562-.565 |
| 06 | .1380-32UNJC-3B | | .160 | |
| 08 | .1640-32UNJC-3B | | | |
| 3 | .1900-32UNJF-3B | | | |
| 513 | .500-13UNF-3B | 1.456 | .500 | 1.458-1.461 |

TABLE II

| LENGTH DASH NO. | L |
|-----------------------|-------|
| -240 | .240 |
| -310 | .310 |
| -375 | .375 |
| -565 | .565 |
| -1400 | .1400 |

TABLE III - MATERIAL AND FINISH

| NUT ELEMENT MATERIAL CODE | NUT ELEMENT | | HOUSING / CAP |
|------------------------------------|--|---|---|
| T | ENGINEERING POLYMER, POLYAMIDE-IMIDE "TORLON" | | ENGINEERING POLYMER, POLYAMIDE-IMIDE |
| S | CARBON STEEL PER FED-STD-66 OR ASTM A108. ULTIMATE TENSILE STRENGTH 85,000 PSI MINIMUM. FINISH: CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2 | | |
| C | CORROSION RESISTANT STEEL IN ACCORDANCE WITH ASTM A582 OR AMS5640 | PASSIVATE PER QQ-P-35 | |
| CPM | | PASSIVATE PER QQ-P-35, PLUS SOLID FILM LUBE PER MIL-L-46010, TYPE I | |

NOTES: UNLESS OTHERWISE SPECIFIED

1. TOLERANCES, UNLESS OTHERWISE SPECIFIED, .XXX = .0 \pm 0
2. AN ADHESIVE BACKED INSTALLATION TAB PT-7 IS FURNISHED WITH EACH INSERT.
3. PARTS MEET LOCKING TORQUE REQUIREMENTS OF MIL-N-25027.
4. SUFFIX N TO DASH NUMBER INDICATES NON LOCKING.
5. MAXIMUM BOLT ENGAGEMENT SHOULD NOT EXCEED "L" MINUS .060.

| | | |
|----------|-------------------|---|
| SCALE | NONE | INSERT, POTTED-IN TYPE BLIND THREADED, SELF-LOCKING NON-SELF-LOCKING, FLOATING NUT |
| DATE | 04/26/96 | |
| DRAWN | JPG | |
| REVISED | 03/20/00 | |
| APPROVED | Richard F. Gauron | DWG NO. AEP1035 SH 2/2 Rev. E |