

D1835 Series — continued

Deron Inserts

D1835 Series — NAS 1835 Equivalent

Style Selection

All styles feature .032 inch minimum radial float.

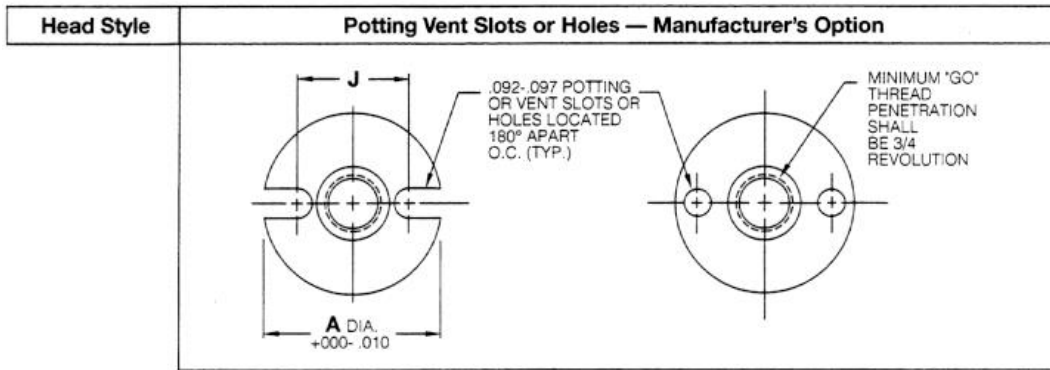
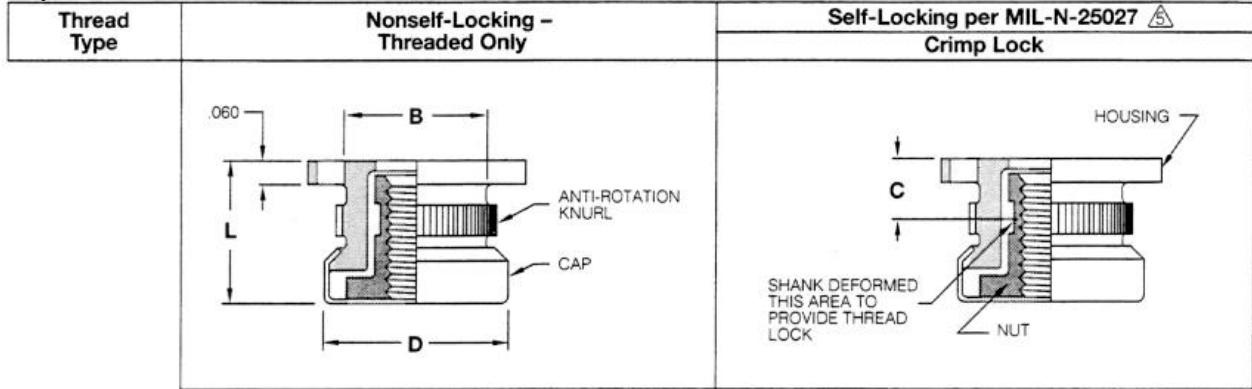


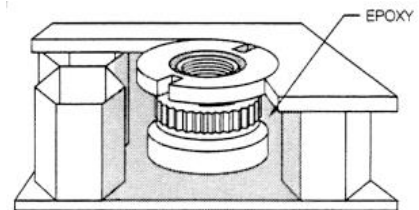
Table 1

| Size | Thread Size Per MIL-S-8879 | A Head Dia. | B Dia. | C | D Dia. | J | L <4> Min. |
|------|----------------------------|-------------|--------|-----|--------|------|------------|
| 08 | .1640-32 UNJC | .685 | .403 | .16 | .535 | .500 | .37 |
| 3 | .1900-32 UNJF | .685 | .403 | .16 | .535 | .500 | .43 |
| 4 | .2500-28 UNJF | .748 | .570 | .18 | .725 | .591 | .56 |
| 5 | .3125-24 UNJF | .810 | .617 | .20 | .790 | .655 | .75 |
| 6 | .3750-24 UNJF | .873 | .700 | .22 | .855 | .718 | .81 |

Notes:

- Burrs caused by machining of potting holes or slots permissible under flange.
- Adhesive backed installation tab, D1837, shall be furnished with each insert. See page 44.
- Plated or solid film lubricant is recommended on self-locking CRES inserts.
- <4> Maximum bolt engagement should not exceed "L" minus .060. See Table 1.
- <5> Self-locking, 303 CRES inserts without plating or lubricant will be tested using a silver plated bolt or screw.
- Tolerances, unless otherwise specified: .xxx ± .010; Angles ± 2°.

Typical Assembly



Typical Series D1835 Floating Nut Insert (NAS 1835 equivalent); installed in honeycomb sandwich panel. Insert is held in place by a cured epoxy compound

Note: For installation and tooling information, see pages 44 and 45.



D1835 Series — continued

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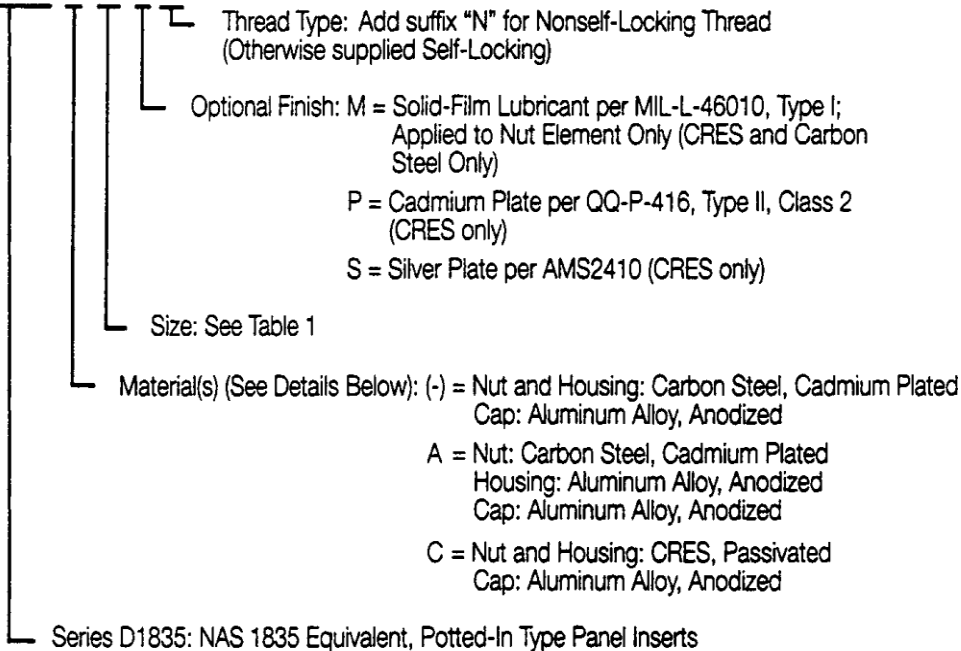
D1836 Series — NAS 1836 Equivalent

Part Number Selection

Consult Table 1 for availability of optional materials, finishes and sizes.

Style Selection

Example:
D1835 C 08 P N



Materials and Finishes

| | |
|--------------|---|
| Carbon Steel | Per ASTM-A-108 or FED STD 66, Ultimate Tensile Strength of 85 KSI, Minimum. Cadmium Plate per QQ-P-416, Type II, Class 2. |
| Aluminum | Housing: 2024-T4 or T351 Aluminum Alloy per QQ-A-225/6, Anodize per MIL-A-8625, Type I. Cap: 3003H14 Aluminum Alloy per QQ-A-250/2, Anodize per MIL-A-8625 Type I. |
| CRES | 303 CRES per ASTM-A-582, Passivate per QQ-P-35, Type II. |



Dalgon Inserts — continued **D1836 Series — NAS 1836 Equivalent**

Style Selection