**MAX SCREW ADVANCEMENT**

- .300 [7.62] MAX WITH V OPTION
- .300 [7.62] MAX WITH V OPTION

**RECOMMENDED GAP:**

- .300 [7.62] + PC BOARD THICKNESS

**PC BOARD**

- SERIES 426D WEDGLOCK
- COLD PLATE
- ASSY LENGTH (SEE P/N CODE SHEET 2)
- .20 [5.1]
- .225 [5.72]
- .260 [6.60]
- .270 MAX [6.86 MAX]
- .125 [3.18]
- .325 EXPANDED MIN [8.26]

**VIEW OF ASSEMBLY RELAXED**

**VIEW OF ASSEMBLY EXPANDED**

**FEATURES**

- DESIGNED FOR HEAVY SHOCK AND VIBRATION.
- UNIFORM CLAMPING FORCE AND HIGH THERMAL TRANSFER.
- NARROW WIDTH FOR MAXIMUM PCB COMPONENT AREA.
- LIGHT WEIGHT = ASSEMBLY LENGTH X .104 OZ [2.95 G] OR [1.16 G/CM].
- SPECIAL LENGTHS, FINISH, AND OTHER DESIGN OPTIONS AVAILABLE UPON REQUEST.

**MATERIAL**

- WEDGES: ALUMINUM 6061-T6.
- ALIGNMENT SPRINGS: 301 STAINLESS STEEL, PASSIVATED.
- ALL OTHER HARDWARE: 18-8 STAINLESS STEEL, PASSIVATED.

**PARTS ARE SHIPPED AS COMPLETE ASSEMBLY IN RELAXED STATE EXCEPT FOR RIVET MOUNT OPTION.**

**RECOMMENDED DRIVE SCREW TORQUE IS 6 IN-LBS [68 N-CM].**
**PART NUMBER CODE**

```
426D - [LLL] [H] [D] [F] - - [C] [W] [N] [P] [V];
```

**PART DEFINITION** (REQUIRED)

- **H**: Mounting Table
- **D**: Series Part No.
- **F**: Length (EX. 480 = 4.80")
- **C**: Option
- **W**: Lock and Flat Washer Option
- **N**: Lock Nut Option
- **P**: Lock Patch Option
- **V**: Visual Indicator Option

**PART NUMBER OPTIONS** (NOT REQUIRED)

- **M**: M2.5 Hex
- **S**: 3/32 Hex

**FINISH** (SEE FINISH TABLE)

- A: None
- C: Chem film per MIL-DTL-5541, Class 1A, Type I [Clear]
- G: Chem film per MIL-DTL-5541, Class 1A, Type I [Gold]
- B: Black Anodize per MIL-A-8625, Type II, Class 2
- H: Hard Black Anodize per MIL-A-8625, Type III, Class 2
- N: Nickel plate per QQ-N-290, Class 1, Grade G, Bright
- E: Electroless Nickel per MIL-C-26074, Class 4, Grade B, Bright
- T: Trivalent Chem film per MIL-DTL-5541, Class 1A, Type II [Clear], RoHS Compliant

**ASSY LENGTH** (SEE LENGTH TABLE)

- [LLL]: Assay Length
- [H]: Mounting Holes

**OTHER LENGTHS AVAILABLE UPON REQUEST**

- 480 - 749: .900 .450
- 750 - 849: 1.900 .950
- 850 & UP: 2.900 1.450

**TOP VIEW**

- Add .19 to screw length if 'V' option included

**BOTTOM VIEW**

- Add .125 [3.18] (ADD .06 IF 'W' OPTION INCLUDED)
- Add .20 [.51] (ADD .10 IF 'N' OR 'A' OPTION INCLUDED)
- (ASSY LENGTH [LLL] - X) / 2
- (ASSY LENGTH [LLL])

**DIAGRAM**

- Drive screw 'M' for M2.5 hex 'S' for 3/32 hex
- Optional lock nut
- Add 'A' for MS21043-04 Silver plated A286 SS
- Add 'N' for MS21042-04 Cadmium Plated Steel
- Add 'W' for optional lock and flat washer
- Add 'C' for optional center mounting hole
- 'V' option: Visually confirms locked in place when red screw head is concealed
- 'A' or 'N' option: Prevents disassembly of rear wedge from screw
- 'P' option: Nyloar Patch per MIL-F-18240, provides additional resistance to shock and vibration

**TABLES**

- **[LLL] LENGTH TABLE**
  - ASSY LENGTH [LLL] [H] MTG [C] OPTION X/X/2
  - 480 - 749: .900 .450
  - 750 - 849: 1.900 .950
  - 850 & UP: 2.900 1.450

- **[H] MOUNTING TABLE**
  - DASH NO. DESCRIPTION
  - A: No mounting holes
  - R: #0-80 UNF-2B threads
  - T: #2-56 UNC-2B threads
  - S: M2.0 X .46-6H threads
  - U: M2.5 X .45-6H threads

- **[F] FINISH TABLE**
  - DASH NO. DESCRIPTION
  - A: None
  - C: Chem film per MIL-DTL-5541, Class 1A, Type I [Clear]
  - G: Chem film per MIL-DTL-5541, Class 1A, Type I [Gold]
  - B: Black Anodize per MIL-A-8625, Type II, Class 2
  - H: Hard Black Anodize per MIL-A-8625, Type III, Class 2
  - N: Nickel plate per QQ-N-290, Class 1, Grade G, Bright
  - E: Electroless Nickel per MIL-C-26074, Class 4, Grade B, Bright
  - T: Trivalent Chem film per MIL-DTL-5541, Class 1A, Type II [Clear], RoHS Compliant

- All threads are gauged prior to plating.