

**FEATURES**

Relative Clamping Force*	
Relative Retention Force*	
Relative Thermal Resistance*	
Relative Price	
*For mechanical and thermal performance data see the Technical Applications section pages 77-94	

**WEDGES**

**Material:**

Aluminum Alloy  
6061-T6 QQ-A-200/8

**Finish:**

See finish table on opposite page

**SCREW**

.09 in or 2.5 mm hex. socket head cap screw, depending on mounting configuration

**Material:**

Stainless Steel  
SS-QQ-S-763, ASTM A 582

**Finish:**

Passivate per MIL-S-5002

**ALIGNMENT SPRINGS**

**Material:**

Beryllium Copper QQ-C-533

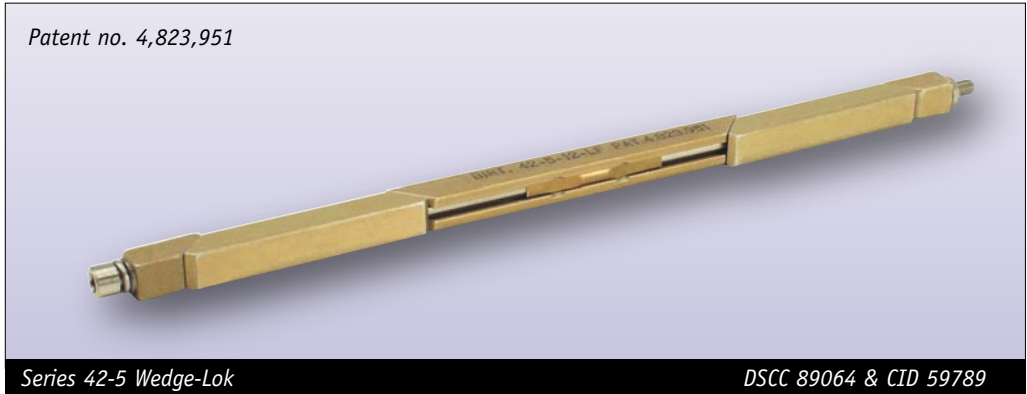
**Finish:**

Nickel QQ-N-290 Class I, Grade G, Bright

**WEIGHT**

.088 oz/in  
(.98 gm/cm)

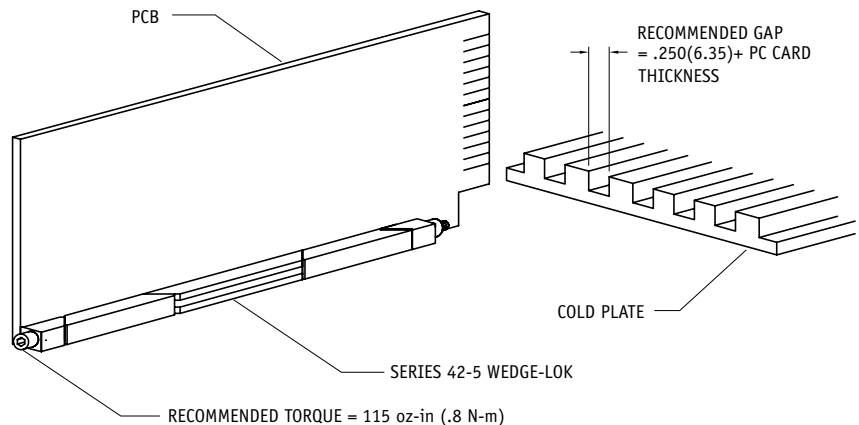
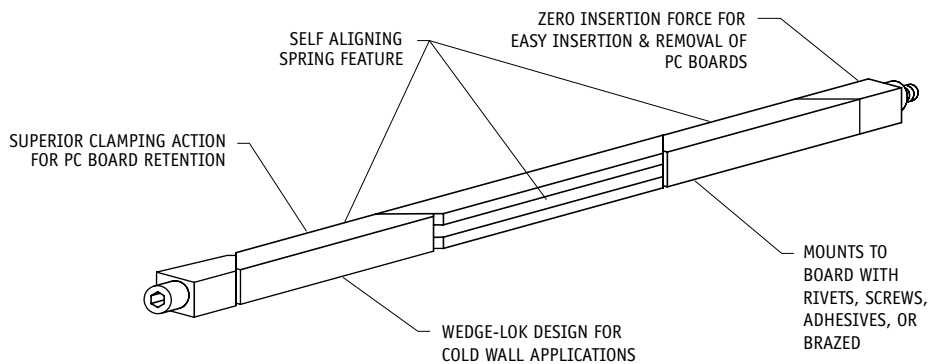
Patent no. 4,823,951

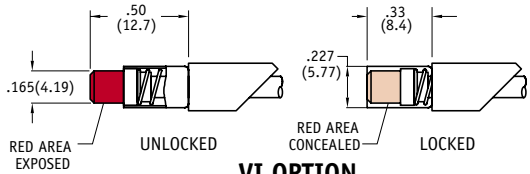


Series 42-5 Wedge-Lok

DSCC 89064 & CID 59789

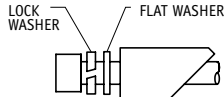
**DESIGNED FOR HEAVY SHOCK,  
VIBRATION & HEAT DISSIPATION**  
.225(5.72) X .225(5.72) PROFILE





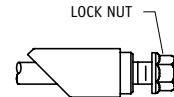
### VI OPTION

Indicates assembly is unlocked  
(adds .19 (4.8) to screw length)



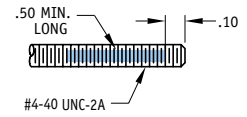
### LF OPTION

Provides additional resistance to shock and vibration (adds .06 (1.5) to screw length)



### LN OPTION

Captivates rear wedge when untorqued (adds .10 (2.5) to screw length)

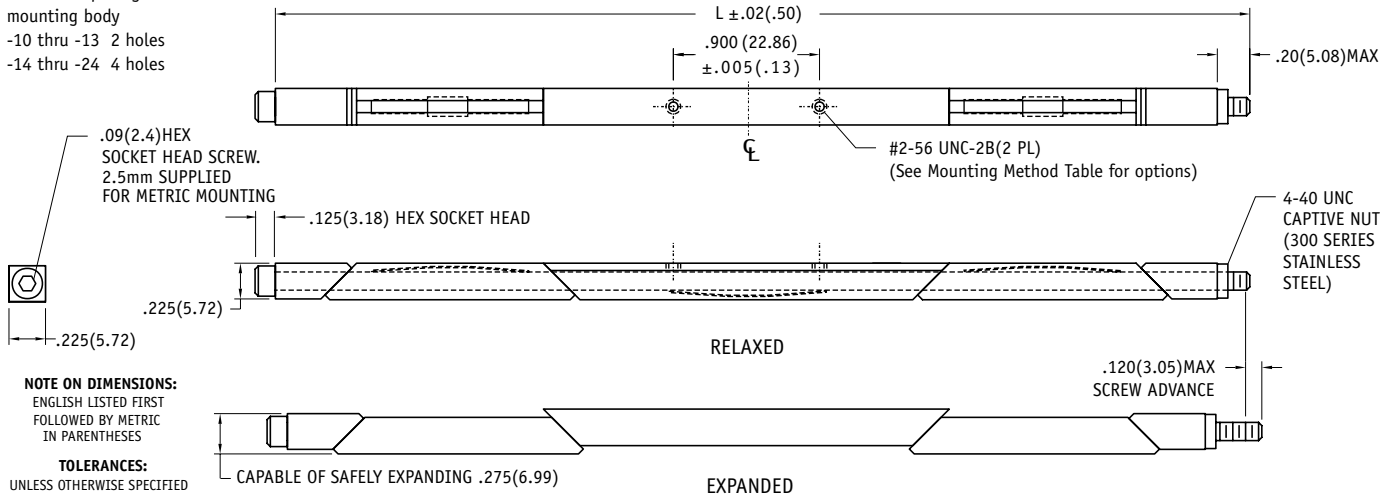


### L OPTION

Provides additional resistance to shock and vibration

## MOUNTING HOLE LOCATION

.900 hole spacing centered on mounting body  
-10 thru -13 2 holes  
-14 thru -24 4 holes



**NOTE ON DIMENSIONS:**  
ENGLISH LISTED FIRST  
FOLLOWED BY METRIC  
IN PARENTHESES

**TOLERANCES:**  
UNLESS OTHERWISE SPECIFIED  
.XXX(.XX)=.01(.25)  
.XX (.X) =.02(.5)

### Part Number Code (See example below)

Series 42-5 Wedge-Lok Five-piece 42-5 x -x -x -x -x -x -x

#### Optional Visual Indicator

Visual Indicator \_\_\_\_\_ VI  
None \_\_\_\_\_ [Blank]

#### Length

In 1/2" increments \_\_\_\_\_ -10 (5") and up  
In 12.7mm increments \_\_\_\_\_ -10 (127mm) and up

#### Finish

Chem Film \_\_\_\_\_ [Blank]  
or select code letter from Finish Table ① \_\_\_\_\_

#### Nuts and Washers

Lock Washer and Flat Washer \_\_\_\_\_ LF  
None \_\_\_\_\_ [Blank]  
Lock Nut \_\_\_\_\_ LN  
None \_\_\_\_\_ [Blank]

#### Mounting

Standard 2-56 screws \_\_\_\_\_ [Blank]  
or select code letter from Mounting Method Table ② \_\_\_\_\_

#### Lock Patch

Lock Patch \_\_\_\_\_ L  
None \_\_\_\_\_ [Blank]

### Part Number Code example: 42-5-18-LN-R

Series 42-5 Wedge-Lok Five-piece, 9 in(228.6mm) long, chem film finish, with Lock Nut option, rivet mount.

## ① FINISH TABLE

Code Letter	Finish (see pg.9 for RoHS Compliance)
C	Chemical Film per MIL-C-5541, Class 1A, Gold, non RoHS compliant
CC	Chemical Film per MIL-C-5541, Class 1A, Clear
EN	Electroless Nickel per MIL-C-26074, Class 4, Grade B, Bright
N	Nickel Plate per QQ-N-290, Class 1, Grade G, Bright (.0002")
B	Black Anodize per MIL-A-8625, Type II, Class 2, (.00005" - .0003")
B3	Hard Black Anodize per MIL-A-8625, Type III, Class 2 (.002")
B3D	Hard Black Anodize with Dry Film Lube per MIL-L46010

## ② MOUNTING METHOD TABLE

Code Letter	Method
NONE	Screw #2-56 UNC-2B
R	Rivet Mount (Ø.067 (1.70) holes with counterbore and countersink)
T	Screw #0-80 UNF-2B
M2	Screw M2 x .40 metric
M	Screw M2.5 x .45 metric
P	Indexing Pins Ø.062 x .040" (two pins only)

Indexing pins (-P) and rivet (-R) parts are shipped unassembled. Center wedge is unplated and unmarked for Indexing Pin (-P) method.

**FOR MECHANICAL AND THERMAL PERFORMANCE  
SEE THE TECHNICAL APPLICATIONS SECTION PAGES 77-94**