

**FEATURES**

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

**APPLICATIONS**

For military and commercial applications where harsh environments exist. Where retainers are not mounted to PC modules (i.e. SEM-A,B,C,D&E mounted). ATR or MCU enclosures.

**MEETS MILITARY SPECIFICATIONS**

Designed to comply with MIL-STD-810D and MIL-STD-901D in addition to MIL-E-5400.

**WEDGES & HOUSING**

**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

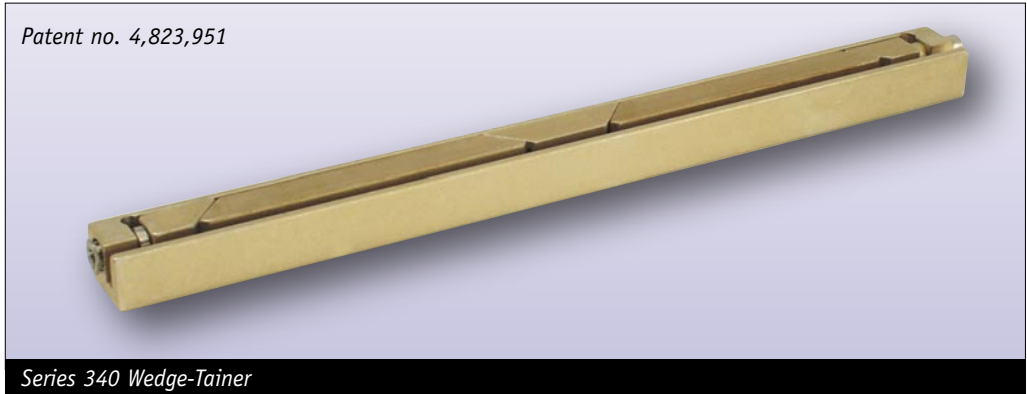
**ALIGNMENT SPRINGS**

**Material:**  
Beryllium Copper QQ-C-533

**Finish:**  
Nickel QQ-N-290 Class I, Grade G, Bright

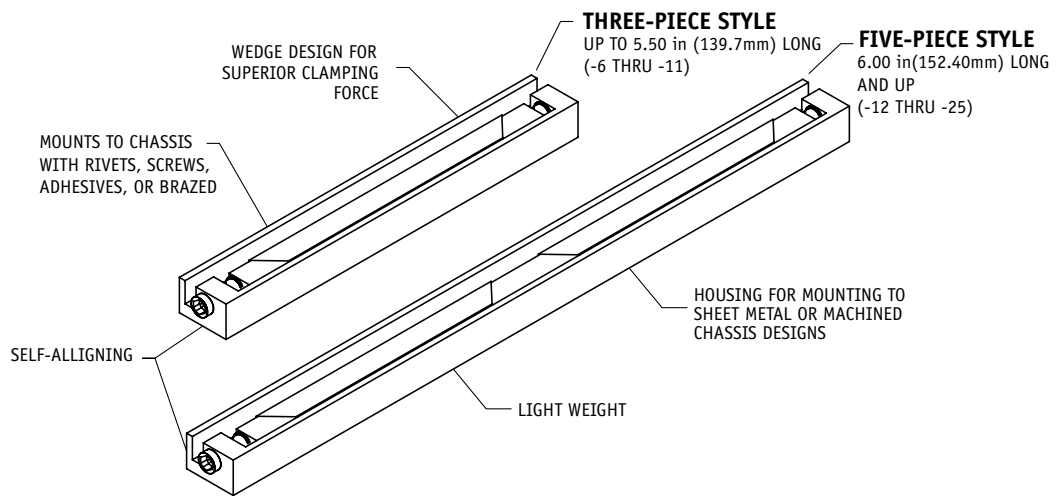
**WEIGHT**  
.224 oz/in  
(2.65 gm/cm)

Patent no. 4,823,951

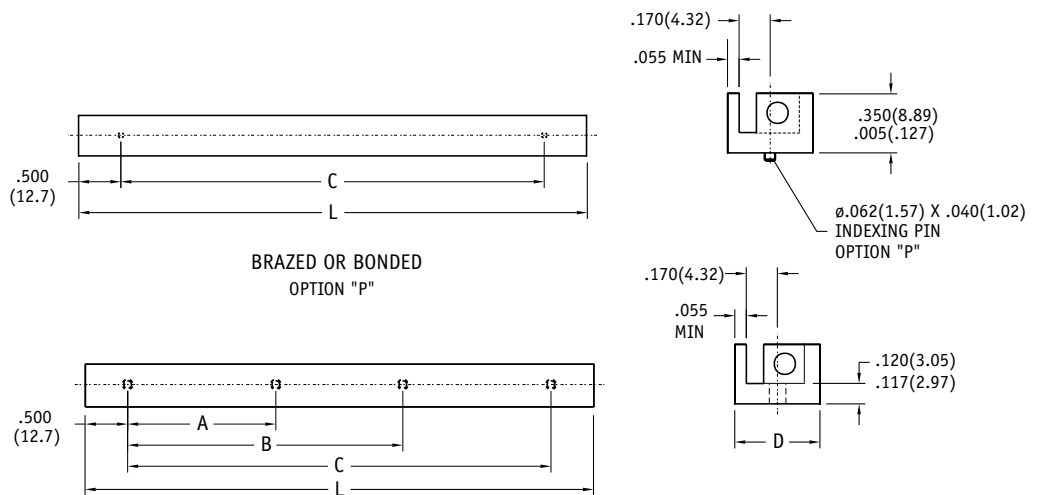


Series 340 Wedge-Tainer

**DESIGNED FOR HEAVY SHOCK, VIBRATION, AND HEAT DISSIPATION**



Right Hand Shown - see diagram on pg.28 (reference only)



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

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

Recommended torque 115 in. oz

### 1 FINISH TABLE

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

### 2 BOARD THICKNESS TABLE

DASH #	THICKNESS .005(.130)	D .005(.130)
-100	.060(1.52)-.094(2.39)	.480(12.19)
-150	.95(2.79)-.145(3.68)	.530(13.46)
-175	.130(3.30)-.165(4.19)	.530(13.46)

### 3 MOUNTING METHOD TABLE

Code Letter	Method
<b>R</b>	Rivet Holes (Ø.098 THRU v Ø .179(4.55) X 100°)
<b>P</b>	Indexing Pins Ø.062(1.57) X .040(1.02) (Two pins only)
	Indexing pins (-P) and rivet (-R) parts are shipped unassembled. Housing is unplated and unmarked for Indexing Pins (-P) method.
<b>S</b>	Screws #4-40 UNC-2B
<b>M</b>	Metric Screws M3 X .5

### MOUNTING DIMENSIONS TABLE

-6 THRU -11 ARE THREE-PIECE, -12 AND UP ARE FIVE-PIECE

DASH #	L	A	B	C	NUMBER OF HOLES		
					TAPPED	RIVET	BRAZED
-6	3.00( 76.20)	1.000(25.40)	-	2.000(50.80)	3	3	2
-7	3.50( 88.90)	1.250(31.75)	-	2.500(63.50)	3	3	2
-8	4.00(101.60)	1.500(38.10)	-	3.000(76.20)	3	3	2
-9	4.50(114.30)	1.750(44.45)	-	3.500(88.90)	3	3	2
-10	5.00(127.00)	2.000(50.80)	-	4.000(101.60)	3	3	2
-11	5.50(139.70)	2.250(57.15)	-	4.500(114.30)	3	3	2
-12	6.00(152.40)	2.500(63.50)	-	5.000(127.00)	3	3	2
-13	6.50(165.10)	2.750(69.85)	-	5.500(139.70)	3	3	2
-14	7.00(177.80)	2.000(50.80)	4.000(101.60)	6.000(152.40)	4	4	2
-15	7.50(190.60)	2.250(57.15)	4.250(107.95)	6.500(165.10)	4	4	2
-16	8.00(203.30)	2.250(57.15)	4.750(120.65)	7.000(177.80)	4	4	2
-17	8.50(216.00)	2.500(63.50)	5.000(127.00)	7.500(190.60)	4	4	2
-18	9.00(228.70)	2.500(63.50)	5.500(139.70)	8.000(203.30)	4	4	2
-19	9.50(241.40)	2.750(69.85)	5.750(146.05)	8.500(216.00)	4	4	2
-20	10.00(254.10)	3.000(76.20)	6.000(152.40)	9.000(228.70)	4	4	2
-21	10.50(266.80)	3.250(82.55)	6.250(158.75)	9.500(241.40)	4	4	2
-22	11.00(279.50)	3.250(82.55)	6.750(171.45)	10.000(254.10)	4	4	2
-23	11.50(292.20)	3.500(88.90)	7.000(177.80)	10.500(266.80)	4	4	2
-24	12.00(304.90)	3.500(88.90)	7.500(190.50)	11.000(279.50)	4	4	2
-25	12.50(317.60)	3.750(95.25)	7.750(196.85)	11.500(292.20)	4	4	2

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

**Part Number Code** (See example below)

**Series 340 Wedge-Tainer**

340    x    -x    x    -x    x

**Screw Action**  
 Left hand (see reference diagram on pg.28) \_\_\_\_\_ L  
 Right hand (see reference diagram on pg.28) \_\_\_\_\_ R

**Board Thickness**  
 Select a dash number from Board Thickness Table 2 \_\_\_\_\_

**Mounting Method**  
 Select code letter from Mounting Method Table 3 \_\_\_\_\_

**Length**  
 In 1/2" increments \_\_\_\_\_ -6 (3") thru -25 (12.5")  
 In 12.7mm increments \_\_\_\_\_ -6 (76.2mm) thru -25 (317.5mm)

**Finish**  
 Select code letter from Finish Table 1 \_\_\_\_\_

**Part Number Code example: 340L-100M-12N**

Series 340 Wedge-Tainer, left handed, for .060-.094 in (1.52 - 2.39mm) board thickness, M3 metric screw mounting, 6.00 in(152.4mm) long, nickel plate finish.

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