

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

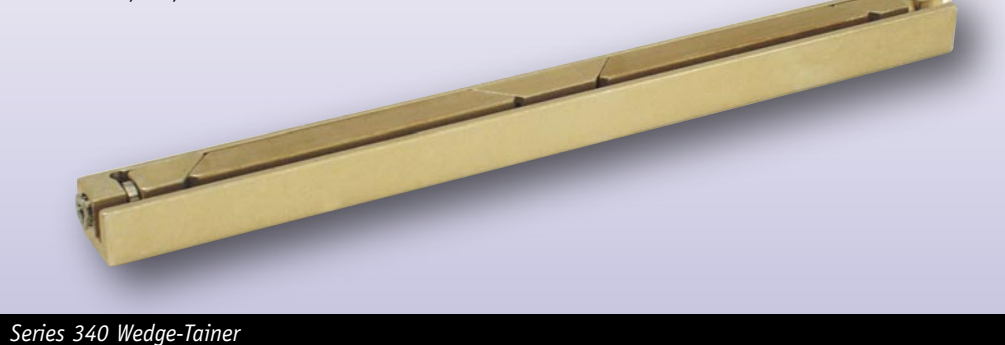
Finish:

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

WEIGHT

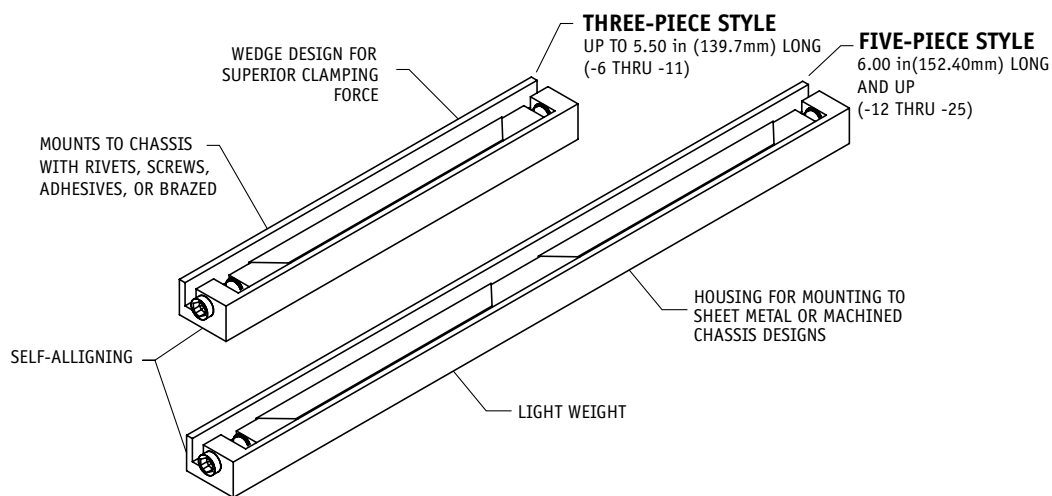
.224 oz/in
(2.65 gm/cm)

Patent no. 4,823,951

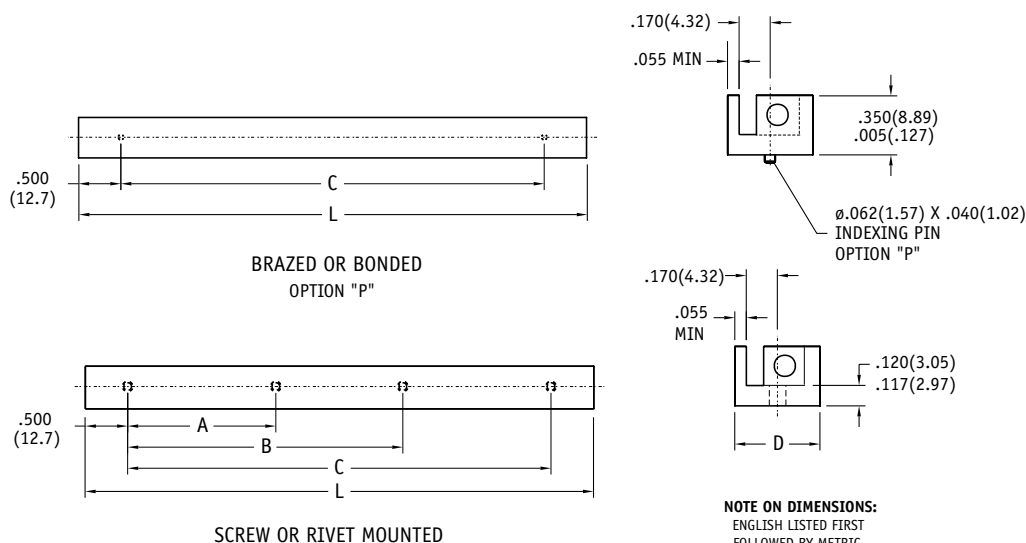


Series 340 Wedge-Tainer

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)
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 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

MOUNTING DIMENSIONS TABLE

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

Code Letter	Method	DASH #	L	A	B	C	NUMBER OF HOLES TAPPED RIVET BRAZED		
R	Rivet Holes (Ø.098 THRU v Ø .179(4.55) X 100°)								
P	Indexing Pins Ø.062(1.57) X .040(1.02) (Two pins only)	-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
	Indexing pins (-P) and rivet (-R) parts are shipped unassembled. Housing is unplated and unmarked for Indexing Pins (-P) method.	-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
S	Screws #4-40 UNC-2B	-11	5.50(139.70)	2.250(57.15)	-	4.500(114.30)	3	3	2
M	Metric Screws M3 X .5	-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.