

## Swing-Arm Saddle Clamp, EMI Banding Adapter 870H005

THERMAREX™ HT

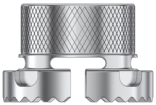


Shielded, self-locking, adjustable arms. 870H005 stainless steel Swing-Arm saddle clamp fits MIL-DTL-38999 Series III and IV connectors. Adjustable arms pivot to 0°, 45° or 90° positions. Banding adapter has optional "T" slots for pigtailed individual shields. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Available in two clamp sizes: standard clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

### MATERIAL/FINISH

- Stainless Steel (Z1)
- Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: stainless steel, passivated
- Clinch nuts: stainless steel, silver plated
- Banding adapter:
  - Code Z1: stainless steel/ passivated
- Band (optional): stainless steel/ passivated

### Banding Adapter Slots

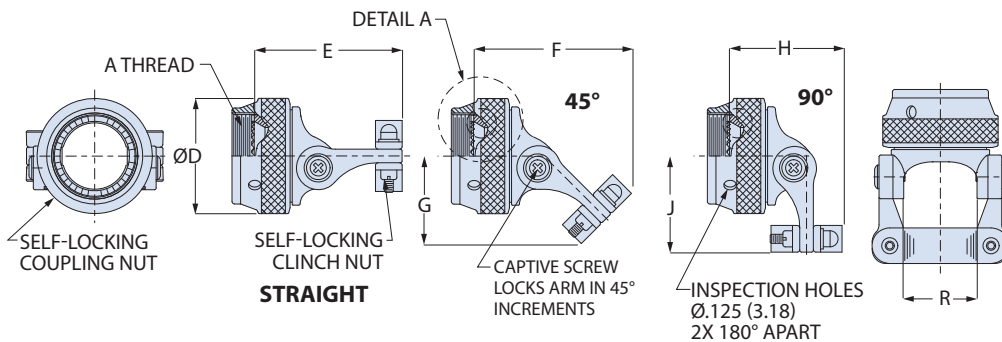


Route pigtail shield braids into optional "T" slots in banding adapter.

### How To Order

<b>Sample Part Number</b>	<b>870H005</b>	<b>Z1</b>	<b>23</b>	<b>A</b>	<b>S</b>	<b>K</b>				
<b>Series / Basic Part No.</b>	<b>870H005</b> Swing-Arm Saddle Clamp, EMI Banding Adapter									
<b>Material/Finish</b>	<b>Z1</b> = SST interface ring, passivated									
<b>Shell Sizes</b>	<b>Shell Size</b>	<b>9</b>	<b>11</b>	<b>13</b>	<b>15</b>	<b>17</b>	<b>19</b>	<b>21</b>	<b>23</b>	<b>25</b>
		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>J</b>
	<b>Size Code</b>	09	11	13	15	17	19	21	23	25
<b>Clamp Size</b>	<b>A</b> = Standard Clamp <b>B</b> = Large Clamp									
<b>Banding Adapter Slots</b>	Omit if not required. See banding adapter. <b>S</b> = "T" Slots in Banding Adapter for Shield Pigtails									
<b>Band</b>	Omit if not required. <b>K</b> = Pre-Coiled Micro Band included With Clamp <b>J</b> = Pre-Coiled Micro Slim Band included With Clamp									

### Dimensions



Shell Size	A Thread	Ø B Min	D Max	E Max	F Max	G Max	H Max	J Max	R Ref.
9 (A)	M12X1.0-6H	.178 (4.52)	.812 (20.62)	1.55 (39.37)	1.45 (36.83)	.77 (19.56)	.98 (24.89)	.87 (22.10)	.393 (9.98)
11 (B)	M15X1.0-6H	.305 (7.75)	.938 (23.83)	1.61 (40.89)	1.56 (39.62)	.87 (22.10)	1.05 (26.67)	.96 (24.38)	.455 (11.56)
13 (C)	M18X1.0-6H	.404 (10.26)	1.125 (28.58)	1.66 (42.16)	1.71 (43.43)	.97 (24.64)	1.22 (30.99)	1.03 (26.16)	.598 (15.19)
15 (D)	M22X1.0-6H	.565 (14.35)	1.250 (31.75)	1.67 (42.42)	1.79 (45.47)	1.02 (25.91)	1.32 (33.53)	1.10 (27.94)	.710 (18.03)
17 (E)	M25X1.0-6H	.658 (16.71)	1.375 (34.92)	1.77 (44.96)	1.88 (47.75)	1.08 (27.43)	1.38 (35.05)	1.16 (29.46)	.839 (21.31)
19 (F)	M28X1.0-6H	.777 (19.74)	1.500 (38.10)	1.77 (44.96)	1.96 (49.78)	1.13 (28.70)	1.49 (37.85)	1.22 (30.99)	.934 (23.72)
21 (G)	M31X1.0-6H	.877 (22.28)	1.625 (41.28)	1.92 (48.77)	2.13 (54.10)	1.24 (31.50)	1.61 (40.89)	1.29 (32.77)	1.068 (27.13)
23 (H)	M34X1.0-6H	.999 (25.37)	1.750 (44.45)	1.95 (49.53)	2.20 (55.88)	1.30 (33.02)	1.68 (42.67)	1.36 (34.54)	1.197 (30.40)
25 (J)	M37X1.0-6H	1.127 (28.63)	1.875 (47.63)	2.10 (53.34)	2.31 (58.67)	1.39 (35.31)	1.75 (44.45)	1.55 (39.37)	1.323 (33.60)

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Clamp Dimensions			
<p>TYPE A STANDARD CLAMP</p>		<p>TYPE B LARGE CLAMP</p>	
Standard Clamp			
Shell Size	S Max	T Min	U Ref.
9 (A)	.97 (24.64)	.22 (5.59)	.264 (6.71)
11 (B)	1.03 (26.16)	.29 (7.37)	.310 (7.87)
13 (C)	1.21 (30.73)	.34 (8.64)	.422 (10.72)
15 (D)	1.32 (33.53)	.45 (11.43)	.538 (13.67)
17 (E)	1.45 (36.83)	.55 (13.97)	.590 (14.99)
19 (F)	1.54 (39.12)	.65 (16.51)	.660 (16.76)
21 (G)	1.67 (42.42)	.74 (18.80)	.744 (18.90)
23 (H)	1.79 (45.47)	.87 (22.10)	.826 (20.98)
25 (J)	1.92 (48.77)	.99 (25.15)	.896 (22.76)
Large Clamp			
Shell Size	V Max	W Min	X Ref.
9 (A)	.98 (24.89)	.33 (8.38)	.356 (9.04)
11 (B)	1.20 (30.48)	.45 (11.43)	.422 (10.72)
13 (C)	1.45 (36.83)	.62 (15.75)	.637 (16.18)
15 (D)	1.54 (39.12)	.68 (17.27)	.707 (17.96)
17 (E)	1.60 (40.64)	.80 (20.32)	.759 (19.28)
19 (F)	1.73 (43.94)	.90 (22.86)	.841 (21.36)
21 (G)	1.95 (49.53)	1.05 (26.67)	.996 (25.30)
23 (H)	2.08 (52.83)	1.18 (29.97)	1.060 (26.92)
25 (J)	2.32 (58.93)	1.30 (33.02)	1.124 (28.55)

Band information				
<p>Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.</p>				
		<p>Band</p>	<p>Micro Band Tool <b>601-101</b></p>	<p>Micro Slim Band Tool <b>601-122</b></p>
Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Micro Slim Band Part No.	Length	Max Diameter
9 - 13	601-061	601-601	8.125 (206.38)	.88 (22.35)
15 - 25	601-065	601-603	14.25 (361.95)	1.88 (47.75)