

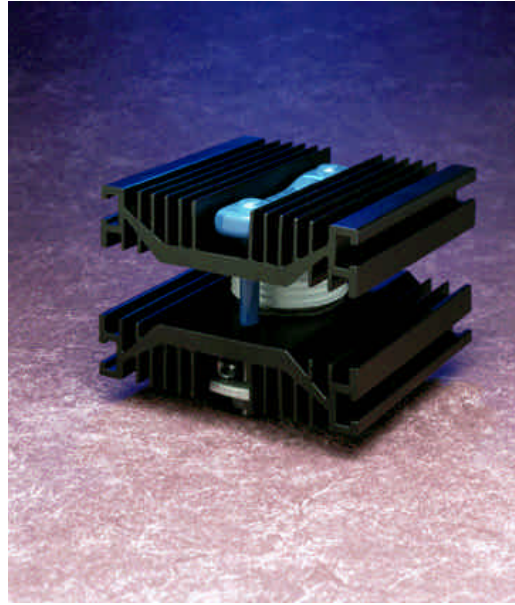


## Wakefield Engineering Precision Clamp Systems

### Series 139

Wakefield Engineering compression pack heat sinks and clamp systems provide electrical and industrial equipment manufacturers with complete system solutions for proper installation and heat dissipation for high-power compression pack semiconductors.

These high-quality mounting clamp assemblies are the worldwide standard for mounting compression and clamping press-pack SCR, thyristor, rectifier, and other high power disc packaged devices utilized in power distribution equipment, industrial controls, transportation systems,



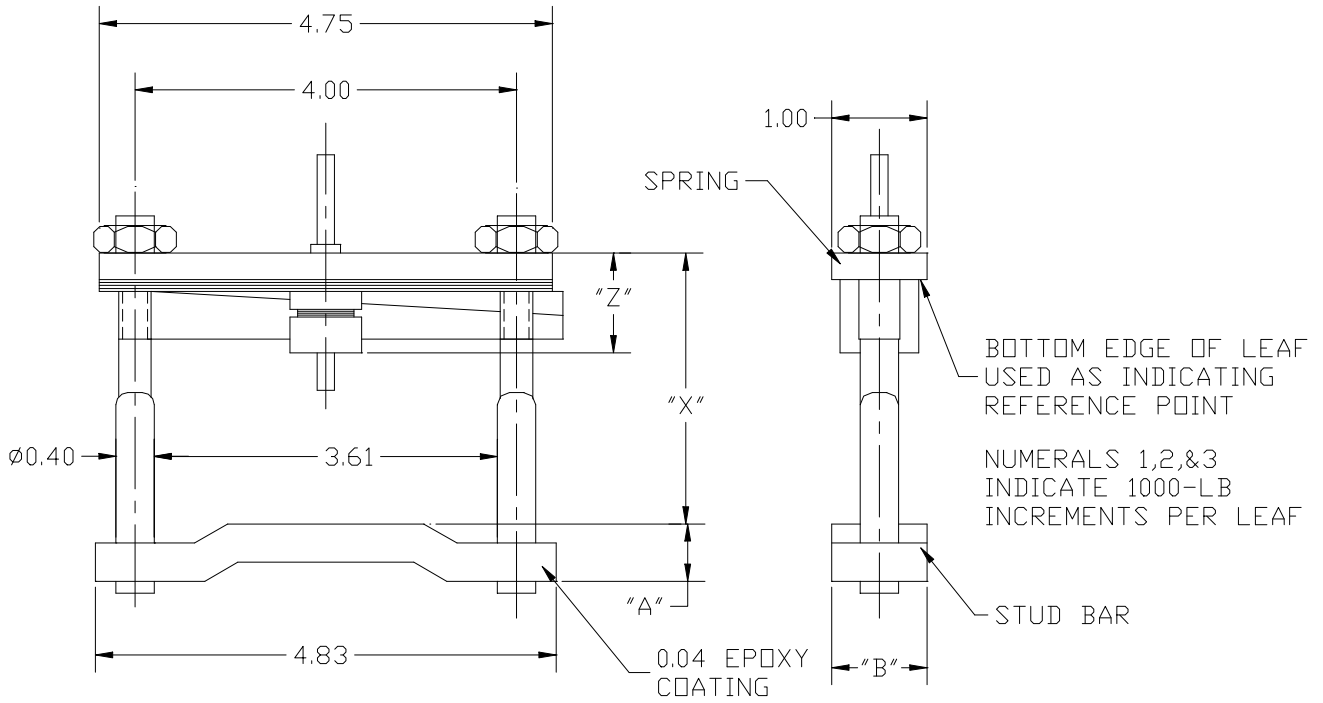
### Features and Benefits:

- ◆ Positive nonbinding omnidirectional swivel saddle action
- ◆ Single-sided or double-sided cooling
- ◆ One-piece epoxy insulation 5,000 VAC
- ◆ “Force Indicator Gauge”
- ◆ Various crossbar lengths available
- ◆ No loose parts to complicate assembly
- ◆ Assembles to 132/133 Series predrilled press pack heat sinks





**139 SERIES  
COMPRESSION MOUNTING CLAMP  
ASSEMBLIES FOR SEMICONDUCTORS**





**Crossbar Device Mounting Surface to Spring Assembly  
Top surface (3,000 Ib. - 5,000 Ibs) Dimension**

<b>139 Series Crossbar</b>									
<b>139-3 Series Crossbar - 3,000 Ibs.</b>					<b>139-5 Series Crossbar - 5,000 Ibs.</b>				
<b>Model No.</b>	<b>Min</b>	<b>"X" Dim in.</b>	<b>Max</b>	<b>Weight Ibs.</b>	<b>Model No.</b>	<b>Min</b>	<b>"X" Dim in.</b>	<b>Max</b>	<b>Weight Ibs.</b>
139-3A	1.52	-	1.89	0.689	139-5A	1.52	-	1.89	0.94
139-3B	1.83	-	2.21	0.700	139-5B	1.83	-	2.21	0.96
139-3C	2.14	-	2.52	0.706	139-5C	2.14	-	2.52	0.98
139-3D	2.45	-	2.83	0.721	139-5D	2.45	-	2.83	1.01
139-3E	2.77	-	3.14	0.732	139-5E	2.77	-	3.14	1.02
139-3F	3.08	-	3.45	0.741	139-5F	3.08	-	3.45	1.033
139-3G	3.39	-	3.77	0.762	139-5G	3.39	-	3.77	1.053
139-3H	3.70	-	4.08	0.773	139-5H	3.70	-	4.08	1.074
139-3J	4.01	-	4.39	0.784	139-5J	4.01	-	4.39	1.064
139-3K	4.33	-	4.70	0.790	139-5K	4.33	-	4.70	1.075
139-3L	4.64	-	5.01	0.793	139-5L	4.64	-	5.01	1.088
139-3M	4.95	-	5.33	0.796	139-5M	4.95	-	5.33	1.102
139-3N	5.26	-	5.64	0.832	139-5N	5.26	-	5.64	1.11
139-3P	5.57	-	5.95	0.838	139-5P	5.57	-	5.95	1.171

<b>Crossbar Height and Width</b>		
<b>Series Number</b>	<b>Height "A" Reference in.</b>	<b>Width "B" Reference in.</b>
139-3	0.72	0.95
139-5	1.02	0.83

<b>139 Series Spring Assembly</b>			
<b>Model Number</b>	<b>Number of Leaves</b>	<b>"Z" Dimension in.</b>	<b>Max Force Ib.</b>
139-1	1	0.87	3,000
139-2	2	1.25	5,000



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