

Transistor Clips

POWERCLIPS®

Kunze POWERCLIPS®,
as ideal parts for integrated
heatmanagement solutions:

Optimum interaction of transistor clips,
interface materials, heat sinks through
well-suited clip design

Perfect application design
by clamping force vs. distance graphs

Quick deliveries through stock keeping
of more than 30 POWERCLIPS®

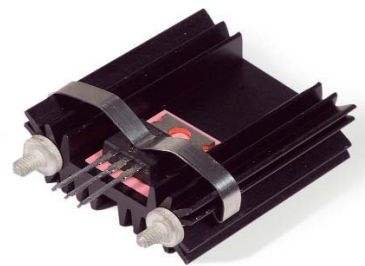
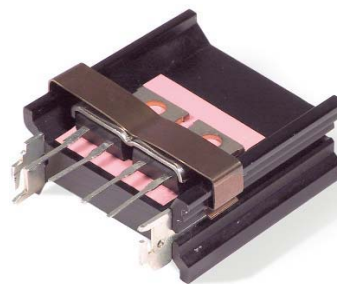
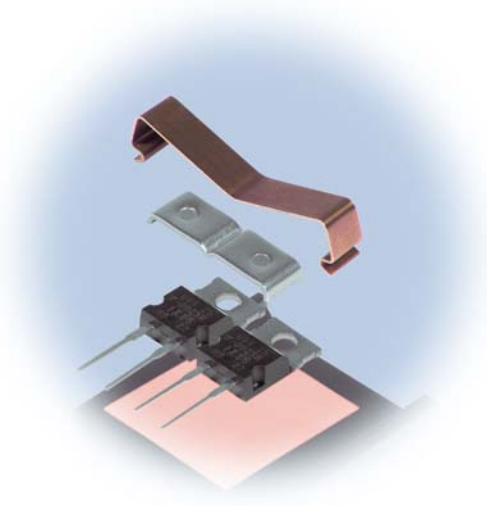
Customized CAD-design and development
of POWERCLIPS®, upon request

100% corrosion-free
through stainless steel CrNi 1.4310

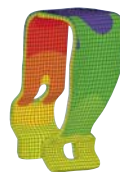
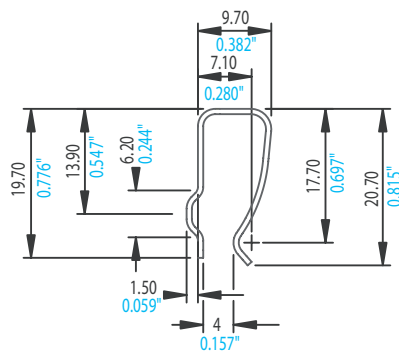
Quick prototyping

All clips available with insulation

For further information on heat sinks and
mounting device please order our
Kunze Heat Sink Catalogue or visit our
Heatmanagement Homepage:
www.heatmanagement.com



Milestones of the
Design Process
POWERCLIP®
KU 4-453



Technical Data

Type	POWERCLIPS®	
General Properties		
Material	Through Stainless Steel CrNi 1.4310	
Mechanical Properties		
Tensile Strength	N/mm²	1300-1500
Elongation	%	>40
Young Modulus	kN/mm²	190

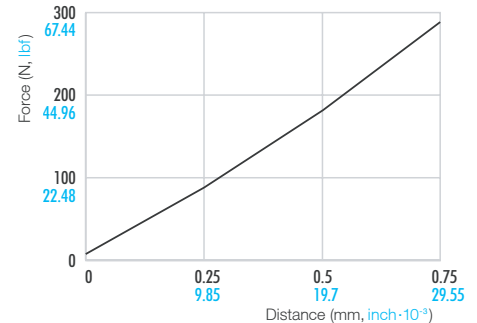
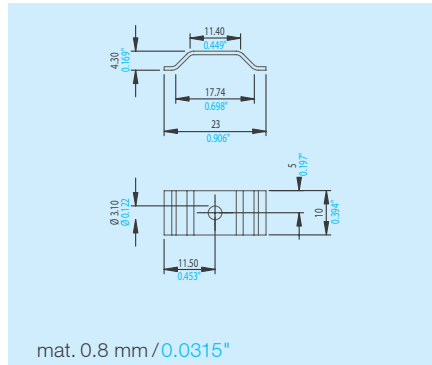
All dimensions in
black = mm, in blue = inch
We disclaim all liability for
the correctness of the in-
formation contained herein
We reserve the right to
make technical changes
without notice

All mechanical properties
at room temperature

Order free samples!



Part No. **KU 4-430**

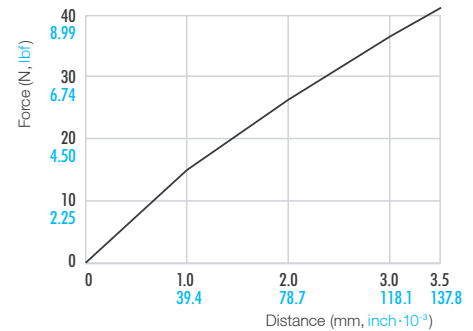
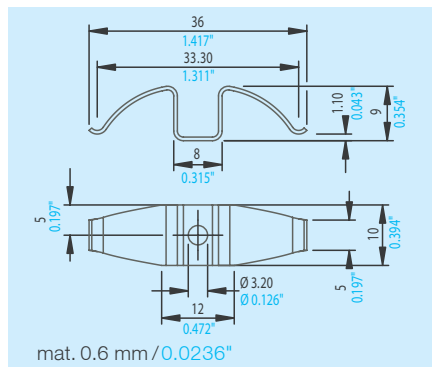


Clamping Force vs. Distance

All dimensions in black=mm, in blue=inch
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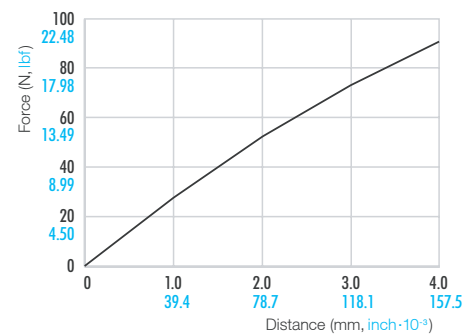
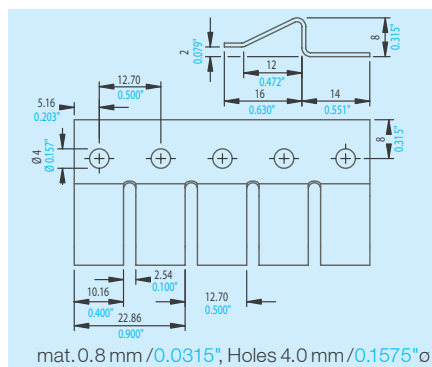
Part No. **KU 4-495**
Gull Wing Clip



Clamping Force vs. Distance



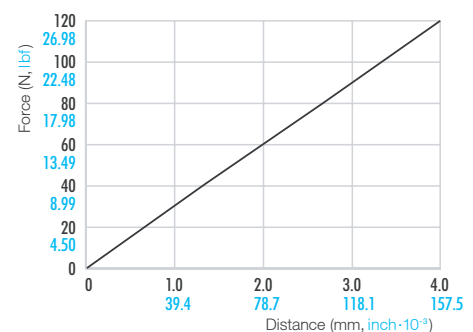
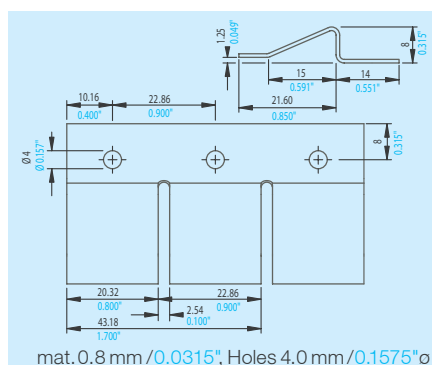
Multiple Transistor Clip
Part No. **KU 4-498/X**
TO-220
(X= Number of fingers)



Clamping Force vs. Distance

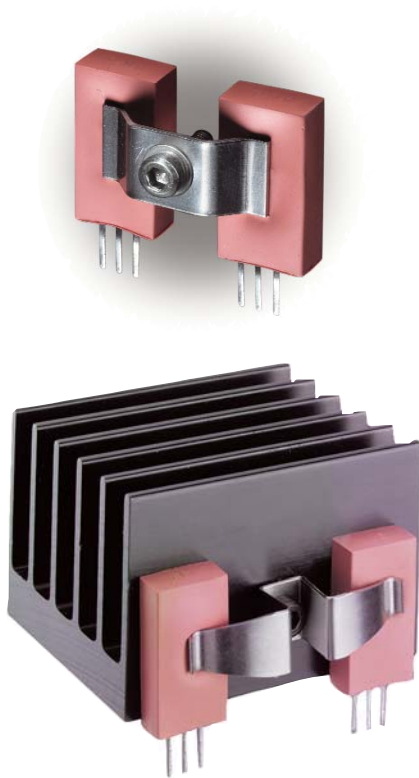


Multiple Transistor Clip
Part No. **KU 4-499/X**
TO-247 / TO-264
(X= Number of fingers)

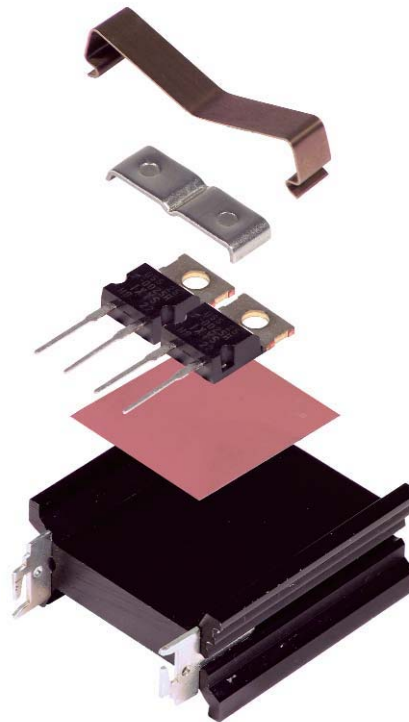


Clamping Force vs. Distance

Application Examples for Special Clip Forms



Application Examples for Gull Wing Clips



Mounting Example

Heat Sink: KU 1-070

POWERCLIP®: KU 3-391

Centering Element: KU 2-ZUB 01-567

Mounting Element: KU 2-ZUB 38-1

For further information on heat sinks and mounting device please order our Kunze Heat Sink Catalogue or visit our Heatmanagement Homepage:
www.heatmanagement.com



Application Example
for Multiple Transistor Clips

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The number of clips on a multiple transistor clip can be specified without incurring additional tooling costs.