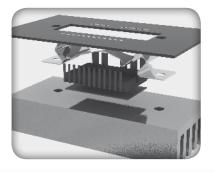
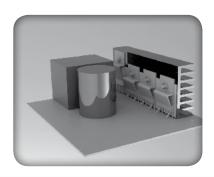
POWERCLIPS®

Kunze POWERCLIPS® are ideal components for integrated heat management solutions:

- · Optimum interaction of transistor clips, interface materials and heat sinks through intelligent clip design
- · Perfect application-specific implementation based on force-distance measurement
- · Over 30 types of POWERCLIPS® constantly in stock
- · Customized CAD-design and development of POWERCLIPS® on request
- · Corrosion resistant steel CrNi 1.4310
- · Quick prototype development
- · All clips optionally available with insulation







APPLICATION EXAMPLES

Process-reliable, mechanical connection of heat source (power semiconductors etc.) to heat sink.

- Power supplies
- · UPS
- Battery chargers
- · Frequency converters



TECHNICAL DATA

Part	POWERCLIPS®	
General Properties		
Material	Corrosion resistant steel CrNi 1.4310	
Mechanical Properties		
Tensile strength	N/mm²	1300 - 1500
Elongation	%	> 40
Young modulus	kN/mm²	190

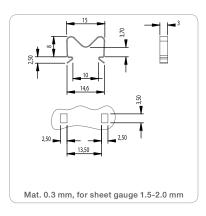
Thermally conductive materials
Other products

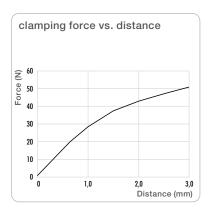
Thermally conductive materials POWERCLIPS®

Thermally conductive materials
Heat sinks

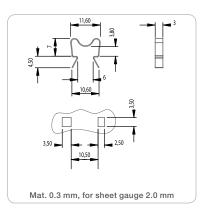
POWERCLIPS® Finger Clips

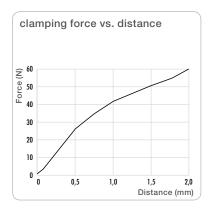












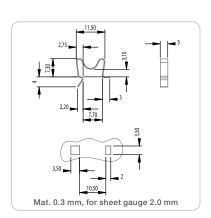
We disclaim all liability for the correctness of the information contained herein.

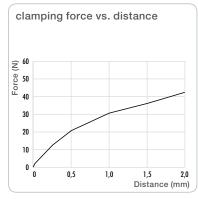
We reserve the right to make technical changes without notice.

All dimensions in mm.



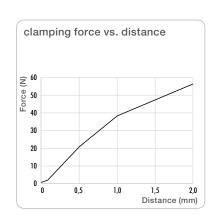
Part-No. KU 3-384 TO-126



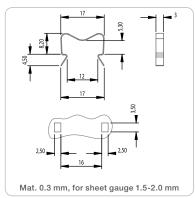


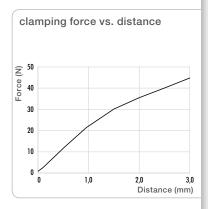


3,50 3,50 3,50 Mat. 0.3 mm, for sheet gauge 2.0 mm

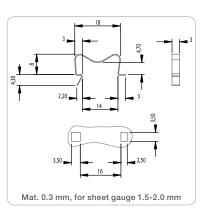


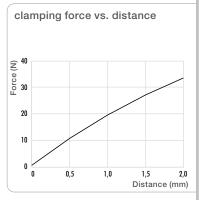




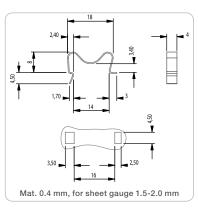


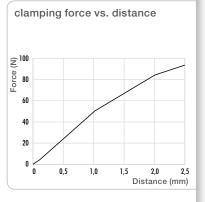




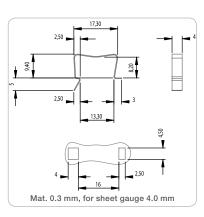


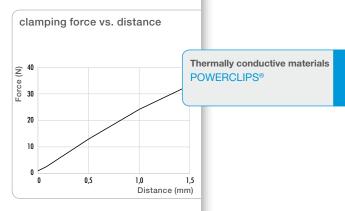






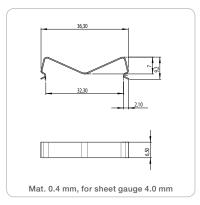


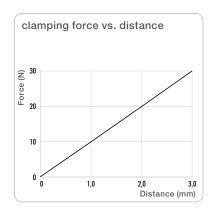




POWERCLIPS® Finger Clips

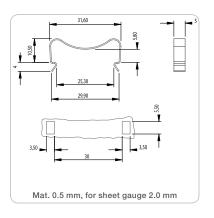


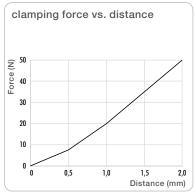






Part-No. KU 3-392 TO-3P · TO-247/248







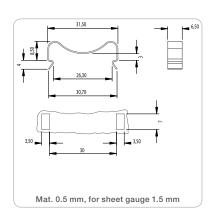
We disclaim all liability for

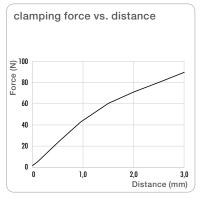
the correctness of the infor-

mation contained herein.

We reserve the right to

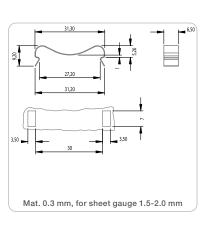
Part-No. KU 3-393 Low-profile bridge rectifier

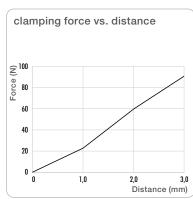




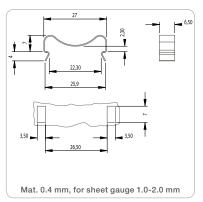


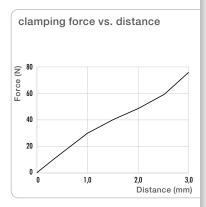
Part-No. KU 3-394 Multiwatt



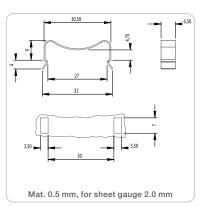


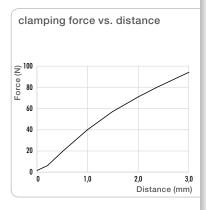




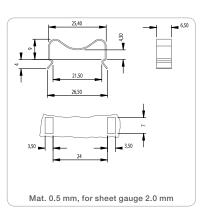


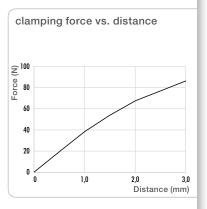




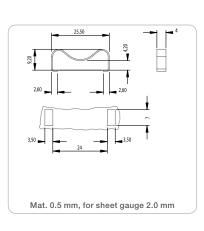








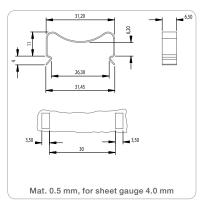


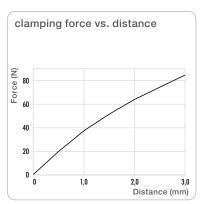




POWERCLIPS® Finger Clips

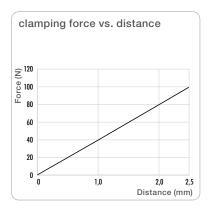








2 x TO-220



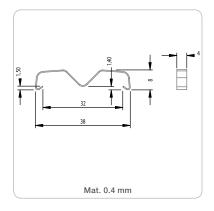
We disclaim all liability for the correctness of the information contained herein.

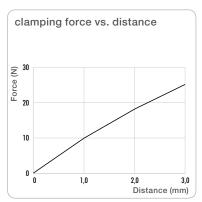
We reserve the right to make technical changes without notice.

All dimensions in mm.



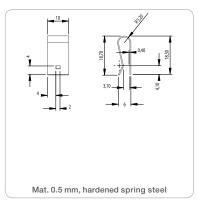
Part-No. KU 3-399 TO-220 / TO-3P

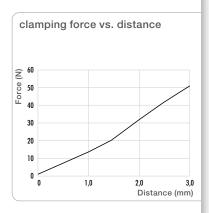




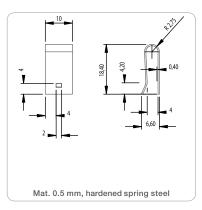
116

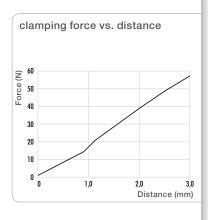




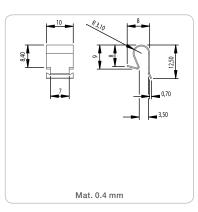


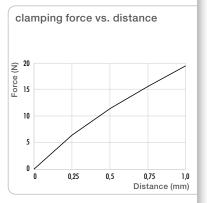




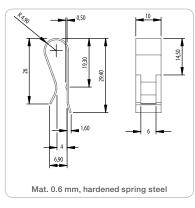


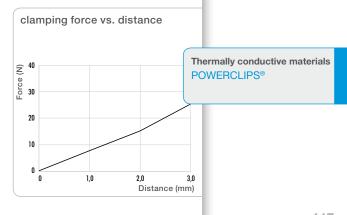






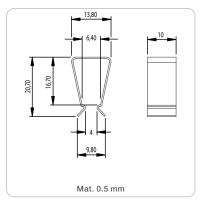


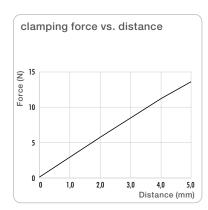




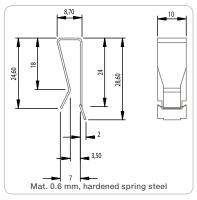
POWERCLIPS® Finger Clips

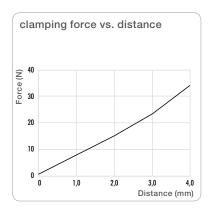












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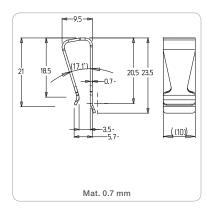
We reserve the right to make technical changes without notice.

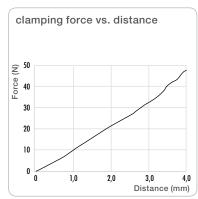
All dimensions in mm.



Part-No. KU 4-451

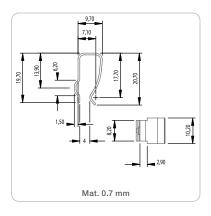
TO-220 / TO-3P

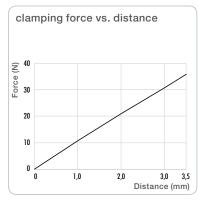




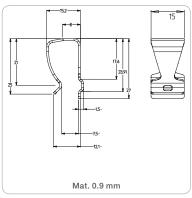


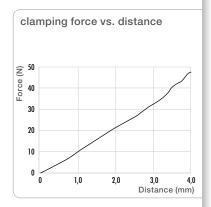
Part-No. KU 4-453 TO-220 / TO-3P



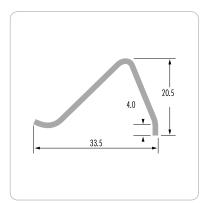










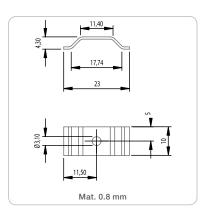


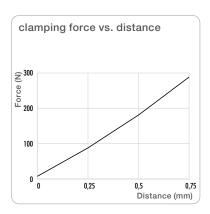
Thermally conductive materials POWERCLIPS®

POWERCLIPS®

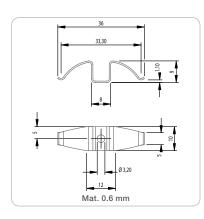
Gull wing clips and multiple transistor clips

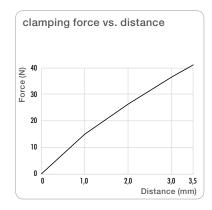












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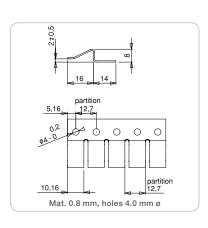
We reserve the right to make technical changes without notice.

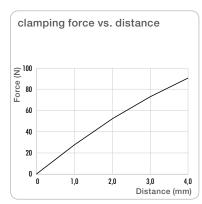
All dimensions in mm.



Part-No. KU 4-498/X TO-220

(X = Number of fingers)

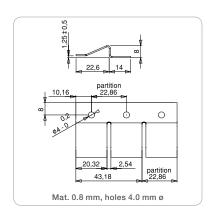


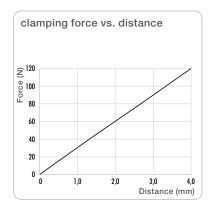




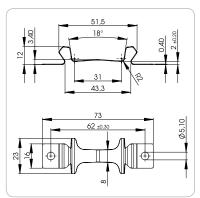
Part-No. KU 4-499/X TO-247 / TO-264

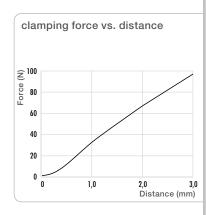
(X = Number of fingers)













Thermally conductive materials POWERCLIPS®