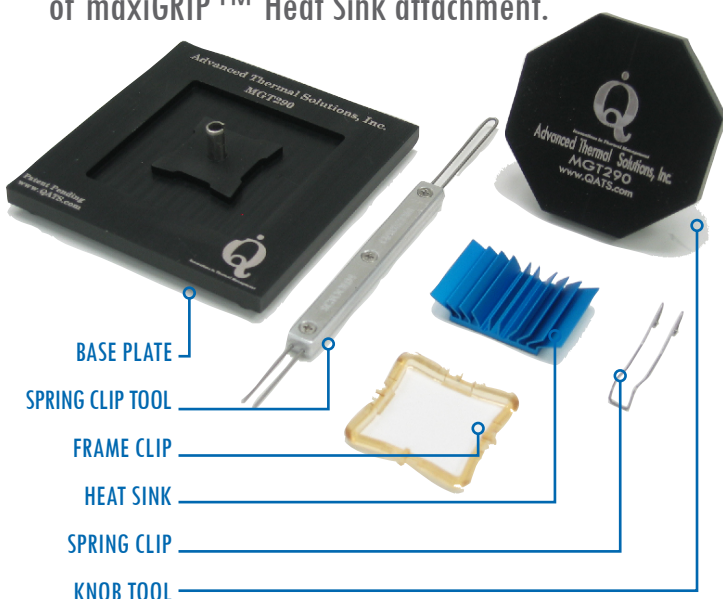




# maxiGRIP™ Tool

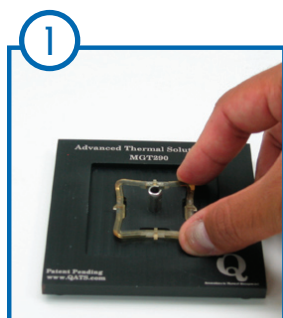
Aluminum tool for installation and removal of maxiGRIP™ Heat Sink attachment.



| Part Number | Component Size (mm) | maxiFLOW/maxiGRIP Sizes Standard Height Components from 3 to 4.5mm | maxiFLOW/maxiGRIP Sizes for Low Profile Height Components 1.5 to 2.99mm | straightFIN/ maxiGRIP Sizes |
|-------------|---------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|
| MGT-190     | 19x19               | ATS-50190 Series                                                   | ATS-51190 Series                                                        | ATS-53190 Series            |
| MGT-210     | 21x21               | ATS-50210 Series                                                   | ATS-51210 Series                                                        | ATS-53210 Series            |
| MGT-230     | 23x23               | ATS-50230 Series                                                   | ATS-51230 Series                                                        | ATS-53230 Series            |
| MGT-250     | 25x25               | ATS-50250 Series                                                   | ATS-51250 Series                                                        | ATS-53250 Series            |
| MGT-270     | 27x27               | ATS-50270 Series                                                   | ATS-51270 Series                                                        | ATS-53270 Series            |
| MGT-290     | 29x29               | ATS-50290 Series                                                   | ATS-51290 Series                                                        | ATS-53290 Series            |
| MGT-300     | 30x30               | ATS-50300 Series                                                   | ATS-51300 Series                                                        | ATS-53300 Series            |
| MGT-310     | 31x31               | ATS-50301 Series                                                   | ATS-51301 Series                                                        | ATS-53301 Series            |
| MGT-325     | 32.5x32.5           | ATS-50325 Series                                                   | ATS-51325 Series                                                        | ATS-53325 Series            |
| MGT-330     | 33x33               | ATS-50330 Series                                                   | ATS-51330 Series                                                        | ATS-53330 Series            |
| MGT-350     | 35x35               | ATS-50350 Series                                                   | ATS-51350 Series                                                        | ATS-53350 Series            |
| MGT-375     | 37.5x37.5           | ATS-50375 Series                                                   | ATS-51375 Series                                                        | ATS-53375 Series            |
| MGT-400     | 40x40               | ATS-50400 Series                                                   | ATS-51400 Series                                                        | ATS-53400 Series            |
| MGT-425     | 42.5x42.5           | ATS-50425 Series                                                   | ATS-51425 Series                                                        | ATS-53425 Series            |
| MGT-450     | 45x45               | ATS-50450 Series                                                   | ATS-51450 Series                                                        | ATS-53450 Series            |

maxiGRIP™ assemblies available for low profile (1.5-2.99 mm) and standard height components (3-4.5 mm)

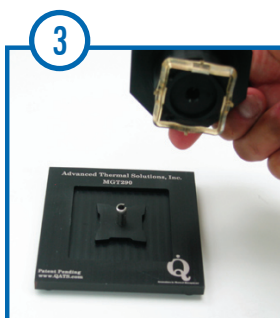
## INSTALLATION GUIDE



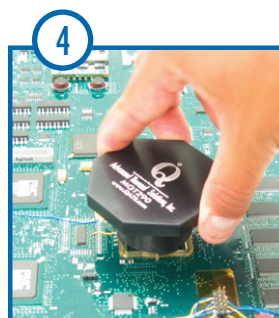
Place Frame Clip into pocket of tooling Base Plate.



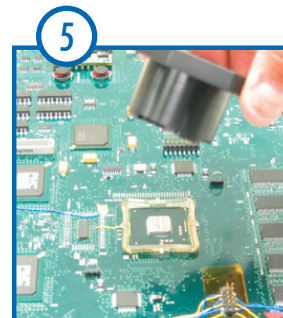
Position the Knob Tool over the Frame Clip



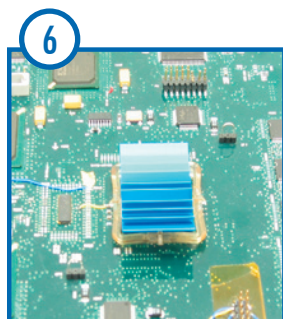
Rotate the knob tool 45° clockwise locking the Frame Clip to the Knob Tool and lift away from base plate.



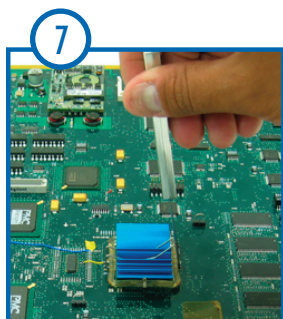
Position the Knob Tool with Frame Clip over the component, rotate 45° counter-clockwise releasing the Frame Clip



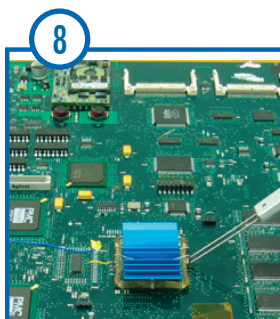
Lift to remove the Knob Tool - leaving the Frame Clip attached to the component.



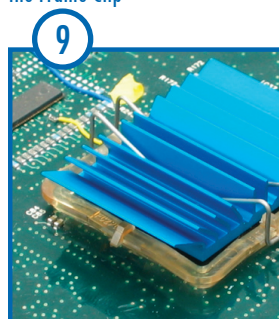
Place the Heat Sink squarely in the Frame Clip over the component. Note the direction of air flow when placing your Heat Sink.



Secure the "Open End" of the Spring Clip under the lip of the frame clip.



Using the "Forked End" of the Spring Clip tool, "latch over" the "Closed End" of the Spring Clip on to the Frame Clip tab.



Inspect the installation. Double check to make sure the Heat Sink is securely attached.

For more information, please contact  
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ats-hq@qats.com  
or www.qats.com

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