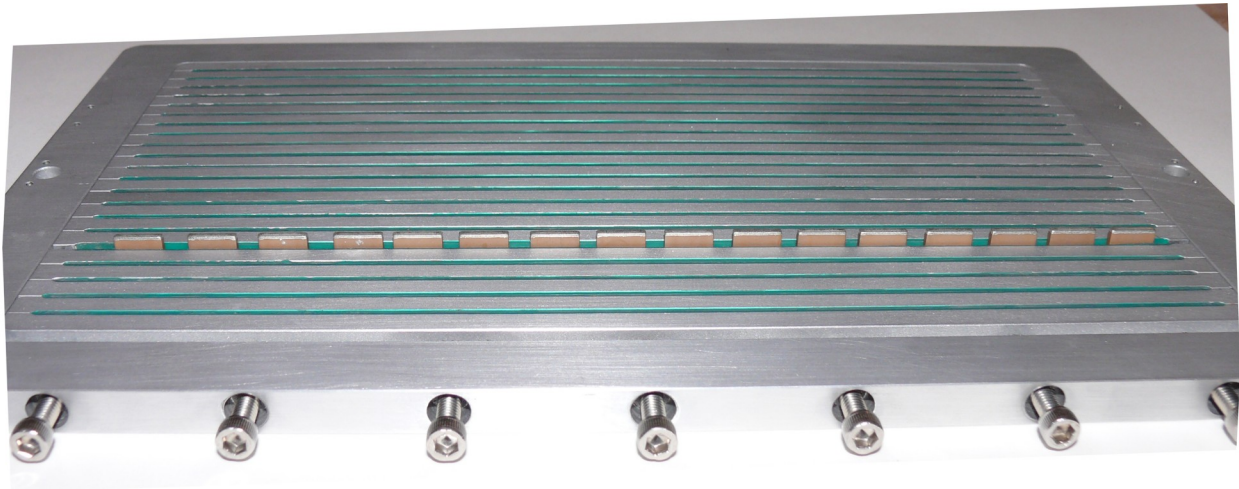


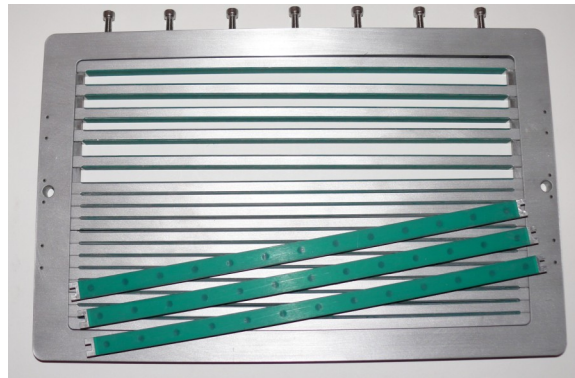


## Adaptive Handling Plate

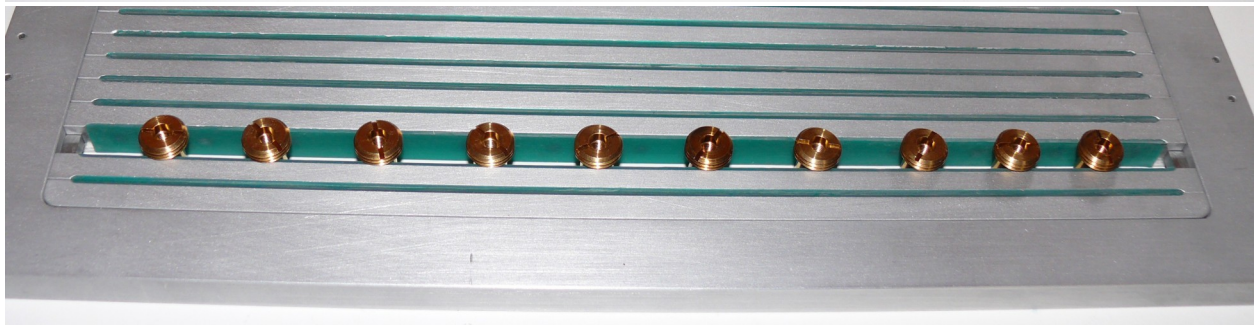
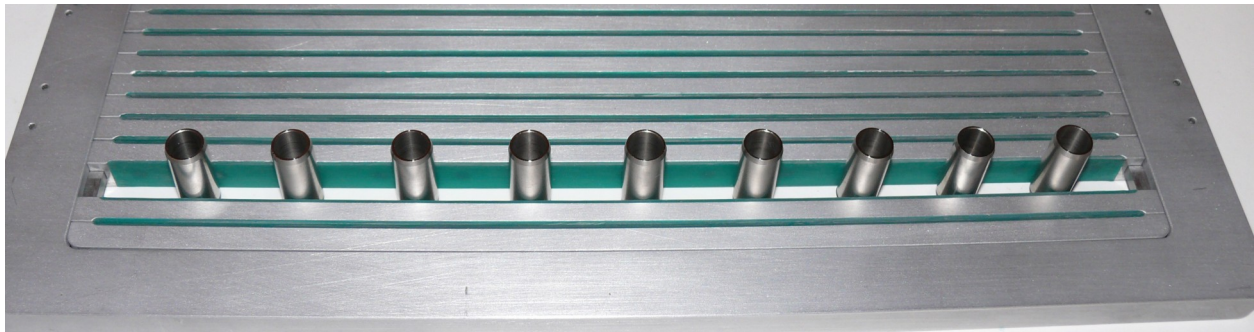
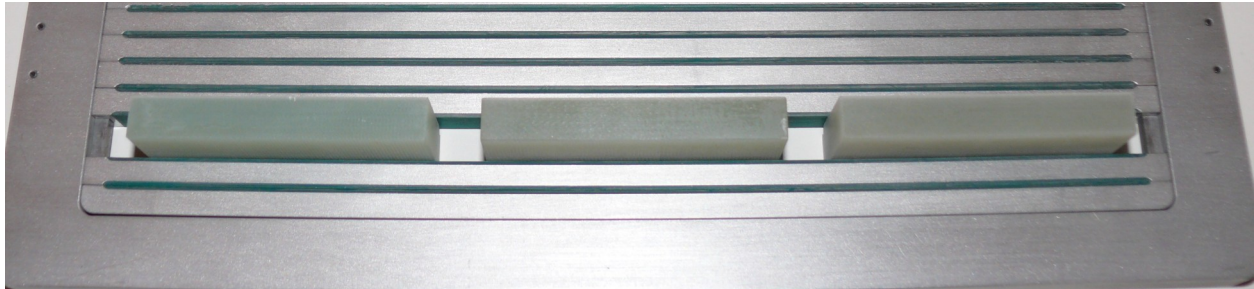
The AHP is primarily designed for handling MLCC's , in the size range 2220 and larger. It has the same outside dimensions and locating pin holes as a standard 7 X 11 inch carrier plate, so it will fit on any termination machine that is designed for carrier plate termination, including the Palomar/ESI model 2001 and the BDD/CST model 7001.



Chip Star Technology designed the AHP with moveable ribs that are opened during the insert, transfer and eject steps. Chips are positioned using a protrusion plate which sets the distance the chip protrudes out of the plate and a loading comb tool that sets the spacing between chips. Once chips are loaded into the plate the moveable ribs are pressed against the chips by tightening the cap screws shown in the photo above. This step captures the chips for termination. Since there is no pressure on the chips during insert, transfer or eject, there is little or no wear on the rubber material that is molded to the aluminum rib.



The AHP is a versatile tool. The ability for the user to adjust the number of ribs in the plate reduces the need to purchase different plates for each new chip thickness or size, so the requirement to purchase and maintain many different carrier plates is greatly reduced..



The AHP is capable of handling and positioning parts with different and unusual shapes and sizes, many that cannot be easily handled using standard carrier plates. Parts that are round, square, rectangular, hexagonal, octagonal, thin, thick and odd shapes can be captured with the AHP . This capability allows the use of this technology for numerous applications in addition to MLCC termination. The photos above illustrate some of the possibilities.

Ordering information:

PN 750900– includes frame assembly, all hardware, 20 center ribs and 2 end ribs

PN 750902– loading station includes slanted base, sliding mounting table, swing arm, protrusion lower plate and loading comb assembly

PN 750903– loading comb assembly

750904– protrusion lower plate

750905– push down protrusion comb set

**Chip Star Technology Termination Solutions**