



fancort industries, inc.

Comparison of Adjustable Tie Bar Cutters

Some customers have both tools because they serve different purposes on different quad packs.

For example, if you just cut the corners on a 208 pin Actel device and leave the tie bars on, you may see tie bar collisions when forming in a dedicated tool. So in this case, the complete tie bar has to be removed with an F-3A not a corner cutter F-3C/A.

Here is an example of a 208 pin device with just the tie bar corners removed and tie bars left on: http://fancort.com/images/DSCN_1809_11_June_2009.jpg. This link shows tie bar collisions in the dedicated F-1A/4 Fancort tool.

Most customers can use the F-3C/A corner cutting tool to remove the tie bar corners on parts like the 196, 256, 352 and many more quads; you need to be aware that on some packages, **the tie bars may collide**. Clearly most customers want to leave the tie bars on for better handling of the unformed parts and less damaged leads.

F-3 http://fancort.com/smt/lead_f3a.html

F-3C/A http://fancort.com/smt/lead_f3ca.html