

## **Count On Tools offers nozzle series for ultra-smooth components**



Count On Tools announces a breakthrough in custom nozzle engineering for ultra-smooth components from the semiconductor market. The latest series of nozzles feature precision-machined urethane tips that prevent components with very fine surface finishes, such as bare dies and wafer level components, from getting stuck on the nozzle tip during the pick-and-place process.

Count On Tools' new technology utilizes an exclusive urethane material to create a strong vacuum bond with components and is guaranteed to improve placement accuracy and reliability while overcoming sticking issues with the substrate. Additionally, the new material improves component release onto the board, preventing misplaced parts, lost components, or miss-picks. This design has been tested and proven against other materials commonly used in SMT tooling (such as PCD or diamond, ceramic and tool steel) that can cause the components to become bonded to the nozzle tip.

Count On Tools' Urethane nozzle series can be applied to any style of pick-and-place nozzle for any OEM or machine type. Additionally, Count On Tools can generally provide a finished nozzle within three to five days, saving customers up to 50 percent over OEM designs for custom nozzles. There are no design fees and Count On Tools provides free quotes based on the equipment and type of component being placed.

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All nozzles are guaranteed to function properly with the original equipment. Every nozzle manufactured by Count On Tools comes standard with a 100 percent satisfaction guarantee. If any customer is not 100 percent satisfied with the performance or quality of a product, Count On Tools will replace it or offer a full refund.

[www.pbtools.us](http://www.pbtools.us) [1]

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