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SPECIAL APPLICATION NOZZLES



Elliptical Tip Nozzle

For SMD

Multi-Shot Range Nozzle

Reduces takt time incorporating two shots into one.



Tip opening View of multiple shots

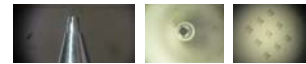


Slit Nozzle

For SMD

Multi-Shot Range Nozzle

Enables "drawing dispensing" with a cross pattern shape. This nozzle can also reduce takt time by incorporating four shots into one.



Tip opening Tip opening View of multiple shots



Long Nozzle

For LED (Phosphor), CMOS

Nozzle for Low Viscosity / Low Pressure Dispensing

Allows the dispensing of low viscosity materials with minimal dripping. The surface resistance of the nozzle interior allows excellent accuracy while dispensing materials under very low pressure (<0.1MPa).



Long Nozzle on Right Long Nozzle Tip



Fine Nozzle

For Crystal Oscillators

Nozzle for Dense Component Environments

Used for hard to reach areas. Without altering the inner diameter, tip thickness is reduced from 50um to 25um allowing dispensing in extremely narrow areas between board components.



Size Comparison



Stamping Nozzle

For SBD

Stamp Method Nozzle

In traditional pin transfer method there is a need to repeatedly dip the pins into a reservoir for reapplication of material. This nozzle has eliminated repeated dipping, allowing a syringe to feed the material vertically into the nozzle improving takt time.



Enlarged picture of Stamping Nozzle Tip

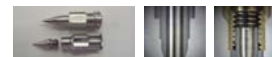


Solid Piece Nozzle

All-Purpose

High Fluidity Material Dispensing Nozzle

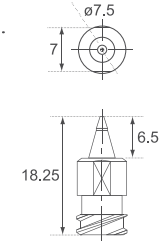
Pipes are attached to the nozzle fixture by press and crimp methods instead of using adhesives. This prevents unwanted detachment and leakage.



Compared to conventional products Our Nozzle Conventional Dispensing Nozzles

OTHER DISPENSING NOZZLES

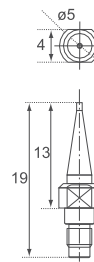
Ruby Nozzle



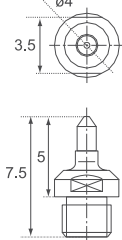
Ruby Nozzles, ensure high fluidity.

High fluidity is required for beautiful dispensing. A precision shot is required for high throughput. Tectia Ruby Nozzles result from the greatest precision machining technologies. We recommend these for those customers seeking the absolute highest possible product quality.

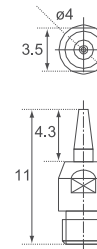
SBR Nozzle



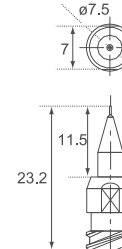
KNC Nozzle



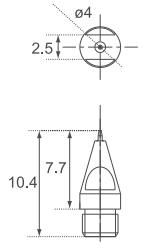
ULB Nozzle



NCA Nozzle



MC Nozzle



(Units : mm)