LICENSING OPPORTUNITY: CHIP TWEEZERS

DESCRIPTION

Problem

The invention addresses the need for reliable gripping of small, thin samples with at least two parallel sides. Conventional tweezers come into direct contact with the top or bottom surface of the sample possibly contaminating the sample.

Invention

This invention is a precision tool, specifically a type of specialized tweezer, for manipulating small samples of various materials, especially fragile microchips. These tweezers are specially designed to safely pick up and handle small, delicate items without touching their top or bottom surfaces, reducing the risk of damage. The tweezers have grooves at the tip that hold the chip securely in place, even if it's being dunked into liquids or shaken around. For added safety, there are optional stoppers that keep the item from slipping out. Made with tough, chemical-resistant materials, the tweezers can handle strong cleaning solutions and other demanding tasks. They're precise, easy to use, and perfect for safely handling fragile items during manufacturing and testing.

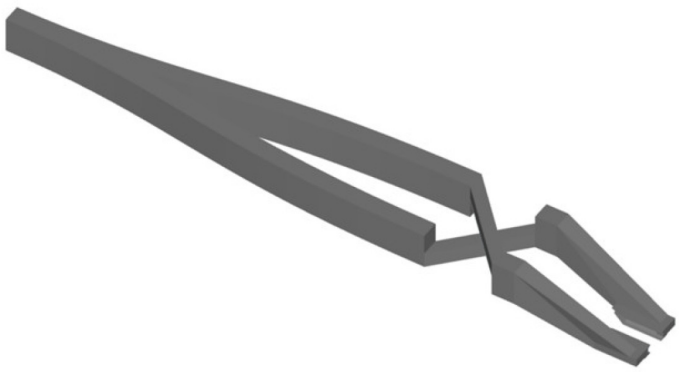
BENEFITS

Commercial Application

- Semiconductor Industry
- Glass and Dielectric Manufacturing
- Laboratories and Research
- Electronics and Microelectronics

Competitive Advantage

The tweezer can be used in scenarios where precise and stable handling of small, thin items is required, such as in laboratories or semiconductor manufacturing. Its design is especially advantageous in processes that involve liquids or agitation, as the sample will remain securely held without being prone to slipping.



Perspective view of tweezer.

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