

ASTM F963 Bite Test Clamp for Toy Safety Testing

The ASTM F963 Bite Test Clamp evaluates the bite resistance of toys and products for children. Its precise mechanism applies controlled pressure for consistent, repeatable safety tests.



ADDITIONAL IMAGES



Product Overview

Safety Compliance Tool

This bite test clamp is an essential laboratory instrument designed to simulate a child biting into toy surfaces to evaluate safety compliance. By applying controlled force for specified durations, it helps identify potential hazards such as sharp points, sharp edges, or detached small parts. Engineered for durability and consistency, it is a vital tool for manufacturers and quality control laboratories to ensure products meet rigorous international safety standards.

Standards & Compliance

Testing Standards

ASTM F963, 16CFR 1500.52C, ISO 8124-1, EN71-1

Design & Construction

Construction Details

- Robust, all-metal construction
- Corrosion-resistant material
- Precision-engineered for repeatable results
- Modular design allowing for maintenance

Device Components

Component	Description
Upper Section	Rounded surface
Middle Section	Cylindrical with dual stacked rings
Base	Rectangular with rigid support structure