

EN Compression Test Disc GT-M38A


Product Introduction

**Application:**  
EN 71-1 Toy testing compression test disc is used to provide a pressure test for toy plane. According to the standard requirements: Any accessible area on the surface of a toy that is inaccessible to flat surface contact during the drop test or tip over test shall be subjected to a compression test.

The main scope is: expansive material toys or parts, all of hard materials covering in the face (such as goggles, space helmets or welding masks), hard toy ball, the can be touched magnetic components of toys, toys attached to food.

**Standards:**  
EN 71-1  
ISO 8124-1  
GB 6675-2

Dimensions

|                             |   |
|-----------------------------|---|
| <b>External Dimensions:</b> |  |
| 30*10mm(Dia.*Thickness)     |   |
| <b>Package Dimensions:</b>  |   |
| 70*70*35mm(L*W*H)           |   |
| <b>Gross Weight:</b>        |   |
| 0.3kg                       |   |
| <b>Net Weight:</b>          |   |
| 0.1kg                       |   |

Test Method

1. Place the toy on a horizontal rigid surface with the part of the toy to be tested uppermost. Apply a compression force through a rigid metal disc with a diameter of (30 ± 1.5) mm to the area to be tested.
2. Apply the force gradually over a period of approximately 5 s, maintain the force for 10 s.
3. Determine whether the casing of toys intended for children too young to sit up unaided has separated into parts or cracked.
4. Determine whether small parts, hazardous sharp edges, hazardous sharp points or hazardous driving mechanisms have become accessible.

Key Specifications

|                      |                                 |
|----------------------|---------------------------------|
| Model                | GT-M38A Compression Test Disc   |
| Screw threads        | M6P1                            |
| Diameter             | 30+/-1.5mm                      |
| Thickness            | 10 ± 0.5 mm                     |
| Standards            | EN 71 -1 section 8.8            |
|                      | ISO 8124-1 section 5.24.7       |
|                      | GB 6675-2 section 5.24.7        |
| Optional accessories | IMADA FB-200N Push-Pull Scale   |
|                      | GT-MB01 Sharp Edge Tester       |
|                      | GT-MB03 Small Part Cylinder     |
|                      | GT-MB04 Sharp Point Tester      |
|                      | GT-MB06 Accessibility Probe     |
|                      | GT-M33 Push-Pull Test Stand     |
|                      | GT-M47 Small Ball Test Template |

Application Industry

All kinds of children's products can be tested on the Compression Test Disc.



Goggles



Space Helmet



Welding Masks