



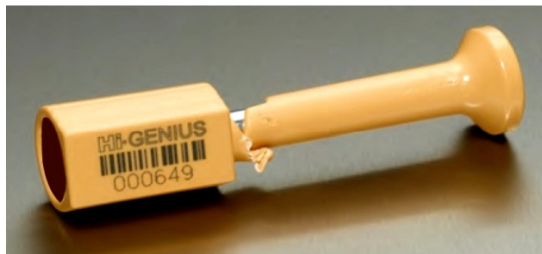
freight container application



barcoded,
body and bolt are connected



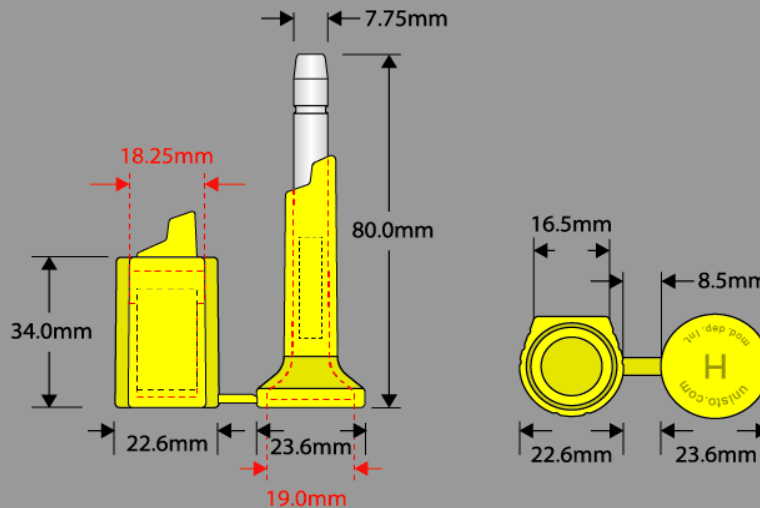
anti-spin and
tamper evident closure



ISO 17712 high security seal



Unisto Hi-Genius



Technical Data

Materials

Bolt: Steel, silver zinc pattern
 Body and spring: steel
 Coating: Acrylonitrile-Butadiene-Styrene (ABS)

Tensile strength

Approx. 2'000 kg

Numbering

Directly laser-marked, numbered or barcoded

Customer name/logo

Directly laser-marked

Plastic Colours - directly laser-marked version:

yellow 100U, blue 290U, white, apricot 1485C, green 3375C

Other colours available on request

Packing

10 pieces per tray, 200 seals per carton

Product Features and Benefits

- Interlocking petals when closed provides evidence of attempted tampering by spinning
- Steel locking body increases security level
- Steel components exceed the requirement of a minimum diameter of 18 mm
- Customer name / logo for clear identification
- Laser engraved numbering - impossible to change, increases security level
- Numbers on bolt and body prevents substitution of component parts
- Hi-Genius is fully ISO 17712:2013 compliant, incl. clause 6 "Testing for Evidence of Tampering"

200 seals

21.0 x 40.5 x 21.5 cm

0.019 m³

approx. 11.50 kg

10 pieces per tray



How to close



How to open

Remove with bolt cutters (A)





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 Date : 2016/3/03
 Accreditation No. : TD050303 - C01



Testing Laboratory
0099

Certificate of Conformance for Freight Container Mechanical Seal Testing Seal Classification: High Security

Customer : Unisto AG , Horn
 Seestrasse 7,CH-9326 Horn ,Switzerland
 Name of Article : HIGH SECURITY SEALS -BOLT SEALS
 Type : Unisto Hi-Genius
 Serial No. : TEST401~ TEST426
 Specification No. : ISO 17712:2013(E) , CNS 17712:2014
 Test Dates : 2016/2/22~2016/3/02



MIRDC ,Certifies that 26 samples, 5 for each test and 1 for measurements, of the seal referenced above were subjected to the following tests.

Test Item	Section Number	Classification
Minimum Diameter	4.1.3	Pass
Tensile Test	5.2	High security seal (H)
Shear Test	5.3	High security seal (H)
Bending Test	5.4	High security seal (H)
Impact Test room temp	5.5	High security seal (H)
Impact Test reduced temp	5.5	High security seal (H)

Results : The above listed tests were completed with no discrepancies noted. Refer to test report number F0204036-T01 for complete details.

The test results contained herein pertain only to the specimens listed in this report. This report shall not be reproduced, except in full, without the written approval of MIRDC

Approved Signatory : CHIANG, Ching-Liu	
Engineer : CHANG, Hsi-Hui	

