

TEST REPORT

Mechanical & Hardgoods Laboratory

Report No. : HL50146B/2018

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Date : MAY 14, 2018

Waterson corp.

1F, No.185, Zhiyuan 3rd Rd., Beitou Dist., Taipei City 112, Taiwan (R.O.C.)

The following merchandise was submitted and identified by the applicant as:

Product Description: 3 in 1 Self closing hinge
Style/Item No.: K51M640, K51L-3D, W41K
Manufacturer/Vendor: Waterson corp.
Country of Origin: Taiwan

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Requested: Compression test

Test Method:

1. Secure the sample on the testing platform. (Photo B, C & D)
2. Apply a increasing downward force to the sample, until it is damaged, record the max. force and any findings.
3. Testing Machine: INSTRON 5581, Rate: 10 mm/min.
4. Loading Pad : Ø28 mm/ Ø30 mm steel bar

Test Result:

Sample	Loading Pad	Max. force (kgf)	Result
K51M640	Ø30 mm	2787.2	The sample was deformed. (Photo E)
K51L-3D	Ø28 mm	1998.9	The sample was deformed. (Photo F)
W41K	Ø28 mm	2096.0	The sample was deformed slightly, the fixed bolt was broken after testing. (Photo G)

Date of Receipt: May 05, 2018

Testing Period: May 05, 2018 ~ May 14, 2018

Signed for and on behalf of
SGS Taiwan Ltd.

蘇國鈺

Sturm Su
Asst. Manager



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- Picture(s) -

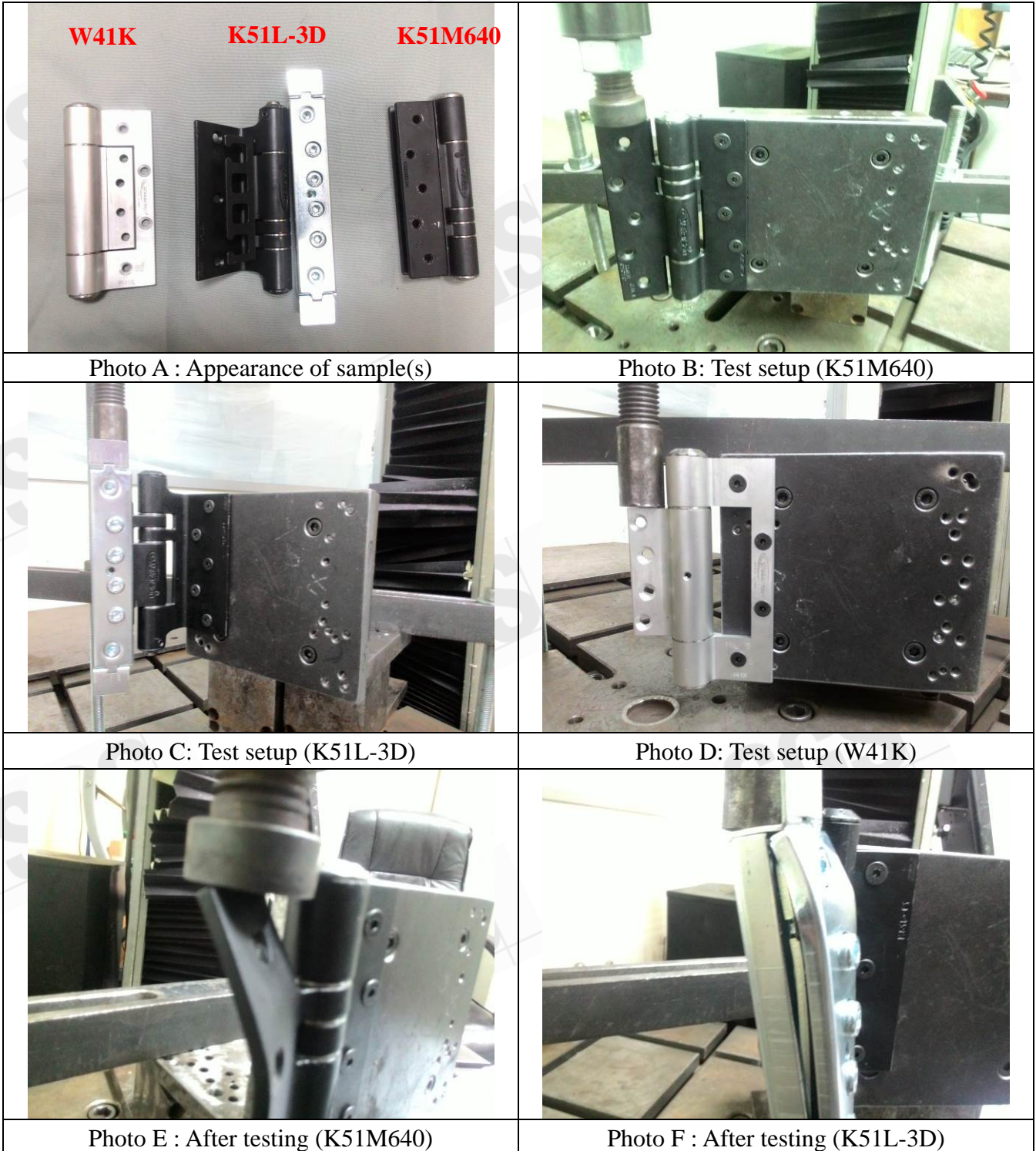


Photo A : Appearance of sample(s)

Photo B: Test setup (K51M640)

Photo C: Test setup (K51L-3D)

Photo D: Test setup (W41K)

Photo E : After testing (K51M640)

Photo F : After testing (K51L-3D)

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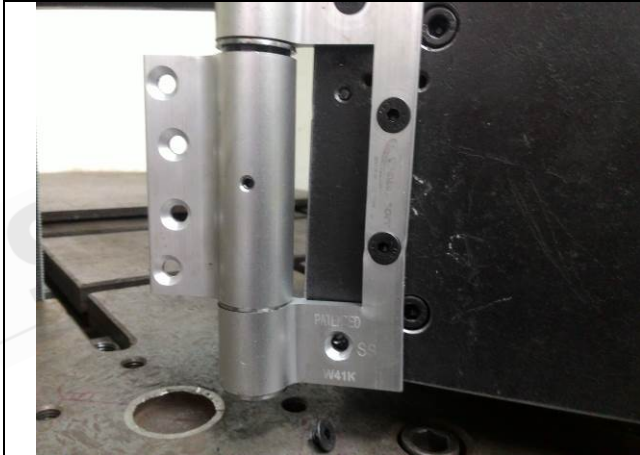


Photo G : After testing (W41K)

--- End of Report ---

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