

TEST REPORT

No. : SHIN2503000511CM06_EN

Date : 2025-04-01

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CUSTOMER NAME: NANJING EK METALWORK CO., LTD
ADDRESS: NO.2 GAOXIONG ROAD, LUHE DISTRICT, NANJING CITY, CHINA.

Sample Name : DROP FORGED BOARD RETAINING COUPLER
Material : Ø48.3

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : 2025-03-13
Testing Period : 2025-03-13 ~ 2025-04-01
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Shanghai) Co., Ltd..

Xander Yang

Xander Yang
Authorized signatory



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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Failure Force	With Reference to EN 74-1:2022 Clause 7.2.2	See Result	N/A

Note:

Pass : Meet the requirements;

Fail : Does not meet the requirements;

N/A : Not Apply to the judgment.

Original Sample Photo(s):



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Test Item: Failure Force

Test Method: With Reference to EN 74-1:2022 Clause 7.2.2

Test Condition:

Specimen: Board Retaining Clamp, 5pcs

Test Procedure:

- 1) Install the specimen to simulate the conditions of actual practice.
- 2) Assemble a $\Phi 48.3\text{mm}$ solid bar horizontally to the clamp with a tighten torque of 50Nm.
- 3) Apply a compression load at the rate of 2mm/min to the solid bar at two points, which are 75mm equidistant from the center of clamp, until the failure occurs, or the load cannot be increased usefully.
- 4) Record the maximum test load and failure mode.

Test Result:

Specimen No.	Maximum Test Load (kN)	Failure Mode
1	50.23	The anchor hole on the board was broken
2	48.57	The anchor hole on the board was broken
3	51.59	The anchor hole on the board was broken
4	50.64	The anchor hole on the board was broken
5	51.17	The anchor hole on the board was broken



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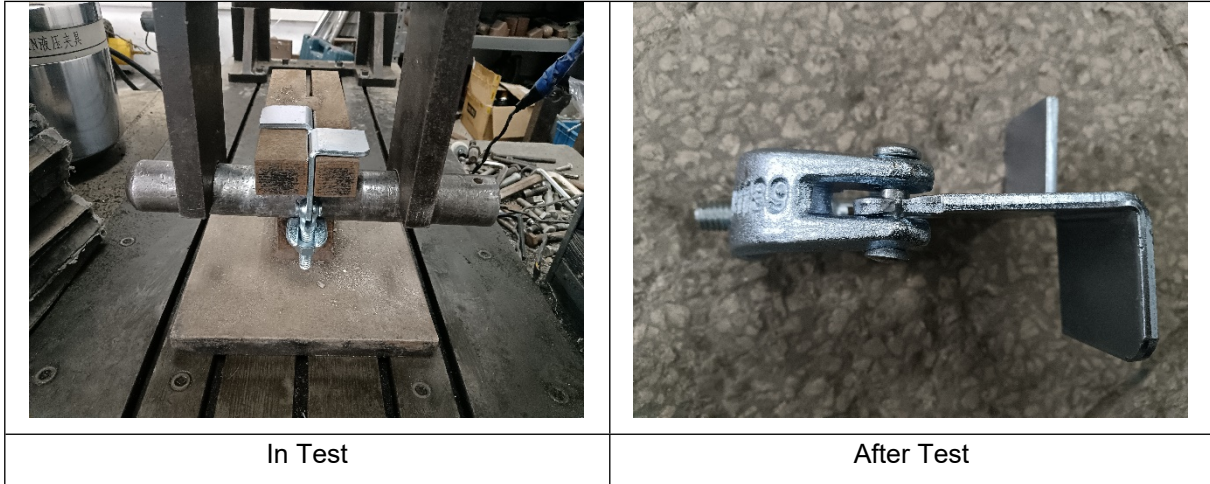
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Test Photo(s):



The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

*****End of report*****



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