TEST REPORT

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SHIN2503000511CM06
Verification:
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No. : SHIN2503000511CM06_EN

Date : 2025-04-01

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.

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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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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):



View 1



View 2

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TEST REPORT

No. : SHIN2503000511CM06_EN

Date : 2025-04-01

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 Φ48.3mm 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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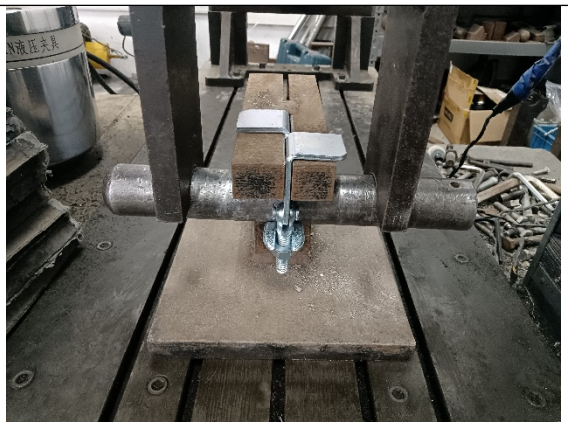
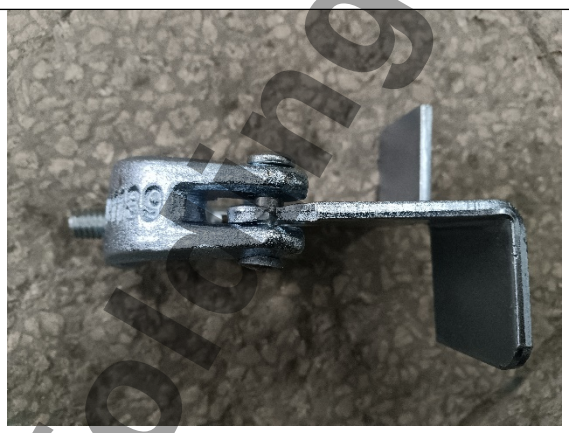
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Test Photo(s):

	
In Test	After Test

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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