

Test Report No.: 01 220 CHN/T-2403442-2

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Test Report

Client: ANHUI HAODING METAL PRODUCT LIMITED COMPANY

Client address: NO.32, GAOXIN ROAD, CHAHE ECONOMIC DEVELOPMENT ZONE,
LAI'AN, ANHUI PROVINCE, CHINA

Contact information: Tel.: /
Mail: 277867611@qq.com

Sample No.: SHM20240603442-2#-1~2#-5

Sample receiving date: Jun.25, 2024

Testing period: Jun.25, 2024~Jul.29, 2024

For and on behalf of
TÜV Rheinland (Shanghai) Co., Ltd.



Jul.29, 2024

Date

King Chen
Metal Materials Lab
Project Manager

Name

Yixiang Shen
Metal Materials Lab
Technical Manager

Name



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TÜV Rheinland (Shanghai) Co., Ltd. 1/F. of No.10, No.177/178, Lane 777, West Guangzhong Road, Jing'an District, Shanghai 200072, P.R. China

Tel.: +86 21 6108 1188 Fax: +86 21 6108 1099 Mail: service-qq@tuv.com Web: www.tuv.com

Unless otherwise specified, the location of performance of the laboratory activities is the same as the address of the company listed above.



1. Sample information (provided by customer):

Sample name: BOARD RETAINING COUPLER

Sample description: A batch of board retaining couplers

Sample obtaining method: Sending by customer Sampling by TÜV staffs
 Other ()

Other information: Product specification: Φ48.3mm;
Material and Mark: Q235.

Sample photo(s):



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2. Conclusion:

Test item	Test result
Pull-apart force	$F_{p,5\%}/\gamma R2=25.2\text{kN}$

Note: 1. $F_{p,5\%}$: the 5%-quantile for a confidence level of 75%;
2. $\gamma R2=1.25$, Torque=50Nm.

3. Test result:

Pull-apart force:

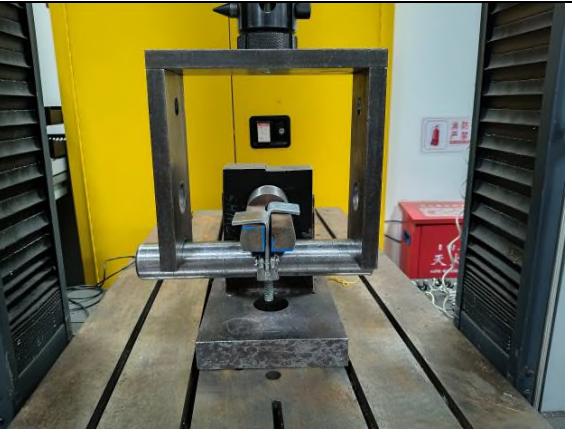
Test method: Refer to EN 74-1:2022

Specification of steel bar: $\Phi 48.3\text{mm}$

Loading rate: 2mm/min

Supporting gap: 8mm

Sample	F_p (kN)	Failure mode
2#-1	34.08	The sample was broken.
2#-2	33.14	The sample was broken.
2#-3	34.30	The sample was broken.
2#-4	35.00	The sample was broken.
2#-5	32.59	The sample was broken.
$F_{p,5\%}/\gamma R2$	25.2	/

	
During test	After test

--- END ---



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