

Test Report No.: **01 220 CHN/T-2403442-1**

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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.:** SHM20240603442-1#-1~1#~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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**1. Sample information (provided by customer):**

**Sample name:** PUTLOG COUPLER

**Sample description:** A batch of putlog couplers

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

**Other information:** Product specification:  $\Phi 48.3\text{mm}$ ;  
Material and Mark: Q235.

**Sample photo(s):**



**2. Conclusion:**

Test item	Test requirement (BS 1139-2.2:2009+A1:2015)	Test result	Conclusion
Slipping force	$1\text{mm} \leq \Delta_2 \leq 2\text{mm}$ , $F_{s,5\%} \geq 1.04\text{kN}$	$F_{s,5\%} = 1.27\text{kN}$	Pass

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

**3. Test result:**

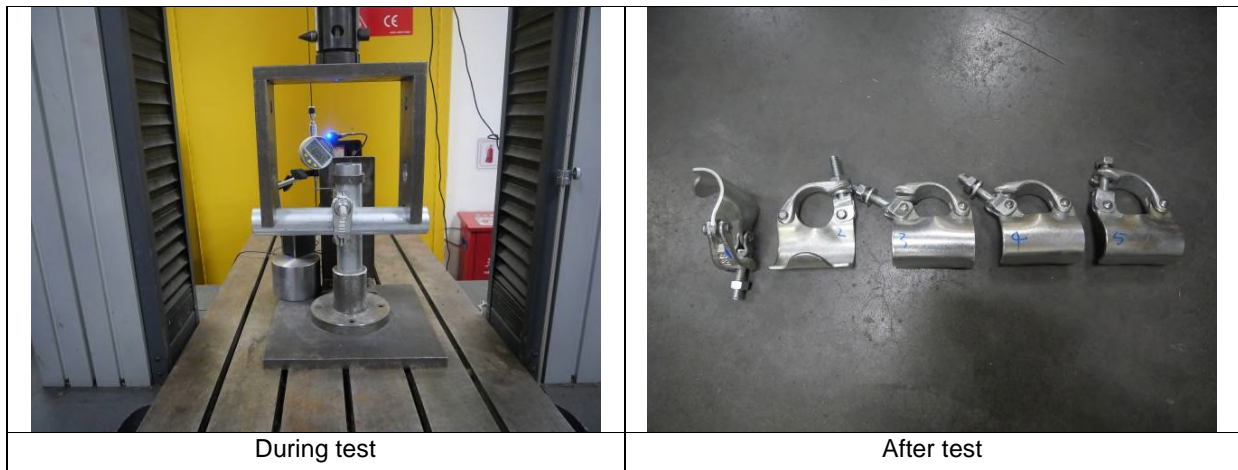
**Slipping force:**

**Test method:** BS 1139-2.2:2009+A1:2015

**Specification of steel tube:**  $\Phi 48.3\text{mm} \times 3.2\text{mm}$  (wall thickness)

**Loading rate:** 2mm/min (before beginning to slip: 0.1kN/s)

Sample	$F_s$ (kN, $1\text{mm} \leq \Delta_2 \leq 2\text{mm}$ )
1#-1	1.59
1#-2	1.36
1#-3	1.60
1#-4	1.64
1#-5	1.48
$F_{s,5\%}$	1.27



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