

Test Report No.: 01 220 CHN/T-2202932

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# Test Report

**Client:** GUANGZHOU ZHONGPENG AUTO PARTS CO., LIMITED

**Client address:** D215,XINHUA AUTO PARTS PLAZA, 44 YONGFU ROAD,  
GUANGZHOU, GUANGDONG, CHINA

**Contact information:** Tel.: +86-20-28186388  
Mail: service@bonoss.com

**Sample No.:** SHM20220802932

**Sample receiving date:** Aug.8, 2022

**Testing period:** Aug.8, 2022~Aug.12, 2022

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



Aug.12, 2022

Yixiang Shen  
Metal Materials Lab  
Technical Manager

Date

Name



This test report is issued by the company subject to its General Terms and Conditions of Business. The test results in this report are valid for the samples tested only. Without permission of company under signed, the report shall not be copied or partially copied.

TÜV Rheinland (Shanghai) Co., Ltd. TÜV Rheinland Building, No.153, 165, 177, 178, Lane 777, West Guangzhong Road, Jing'an, Shanghai 200072, P.R. China  
Tel.: +86 21 6108 1188 Fax: +86 21 6108 1099 Mail: [service-gc@tuv.com](mailto:service-gc@tuv.com) Web: [www.tuv.com](http://www.tuv.com)

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**1. Sample information (provided by customer):**

**Sample name:** BONOSS WHEEL NUTS

**Sample description:** A piece of steel nut

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

**Other information:** Product specification: M12\*1.5 Grade 12;  
Material and Mark: 50BV30.

**Sample photo(s):**



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**2. Test result:**

**Chemical composition analysis:**

Test method: GB/T 4336-2016

Element	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
Result, %	0.30	0.071	0.88	0.012	0.005	0.42	0.009	0.018	0.030

--- END ---



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**2. Test result:**

**Proof load test:**

**Test method:** ISO 898-2:2012

Test conditions	Result
A proof load 105.7kN shall be applied and shall be maintained for 15 s and then released.	No fracture by thread stripping or nut fracture. The nut was removed using the fingers from the test mandrel after test.

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