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AUTOMOTIVE INDUSTRY STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

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QC/T 355-2023

Replacing QC/T 355-1999

Wheel Nuts with Conical Seat

锥面车轮螺母

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Foreword

This Document was drafted as per the rules specified in GB/T 1.1-2020 *Directives for Standardization – Part 1: Rules for the Structure and Drafting of Standardizing Documents*.

This Document replaced QC/T 355-1999 *Automobile Wheel Nut - Cone Nut*. Compared with QC/T 355-1999, the major technical changes of this Document are as follows:

- Raise the tolerance grade of the product from B to A (see Table 2 of this Edition);
- Cancel the specification of $M10 \times 1.25$ product (see Table 1 of this Edition);
- Add the specification of $M20 \times 1.5$ product (see Table 1 of this Edition);
- Modify the structure and size of the product (see Figure 1, Table 1 of this Edition);
- Modify the category of surface treatment (see Table 2 of this Edition);
- Cancel the left-hand thread and its rotation direction mark of the product.

This Document was proposed by and under the jurisdiction of National Technical Committee of Auto Standardization (SAC/TC 114).

Drafting organizations of this Document: Zhejiang Jieneng Auto Parts Co., Ltd.; Sichuan Aerospace Shiyuan Technology Co., Ltd.; Anhui Jianghuai Automobile Group Co., Ltd.; Hangzhou Yunqi Intelligent Vehicle Innovation Center; BAIC Group Off-Road Vehicle Co., Ltd.; Hangzhou Shibao Auto Steering Gear Co., Ltd.; Zhejiang University of Technology; and Zhejiang Newgonow Automobile Co., Ltd.

Chief drafting staffs of this Document: Guo Fushun, Luo Hong, Wei Xiaohua, Liu Zhihui, Luan Jianxin, Zhu Shengfeng, Yin Yuming, and Zhao Yun.

The historical editions replaced by this Document are as follows:

- QC/T 355-1999;
- It is first-time revised hereby.

Wheel Nuts with Conical Seat

1 Scope

This Document specifies the type, size, technical conditions and number of wheel nuts with conical seat for automotive with thread specifications of $M12 \times 1.5$ to $M20 \times 1.5$ and mechanical property grades 8 and 10.

This Document applies to wheel nuts with conical seat for automotive.

2 Normative References

The provisions in following documents become the essential provisions of this Document through reference in this Document. For the dated documents, only the versions with the dates indicated are applicable to this Document; for the undated documents, only the latest version (including all the amendments) is applicable to this Document.

GB/T 90.1 Fasteners – Acceptance inspection

GB/T 90.2 Fasteners – Marking and packaging

GB/T 196 General purpose metric screw threads - Basic dimensions

GB/T 197 General purpose metric screw threads – Tolerances

GB/T 3098.2 Mechanical properties of fasteners - Nuts

GB/T 3103.1 Tolerances for fasteners - Bolts, screws and nuts

GB/T 5779.2 Fasteners - Surface discontinuities – Nuts

QC/T 326 Coding rules for automotive standardized parts

QC/T 625 Metallic coatings and conversion coatings for automobile

3 Terms and Definitions

For the purposes of this Document, no terms and definitions are necessary to be given.

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