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AUTOMOTIVE INDUSTRY STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

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QC/T 638-2023

Replacing QC/T 638-2000

Sealing Washer

密封垫圈

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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 638-2000. Compared with QC/T 638-2000, the major technical changes of this Document are as follows:

- Add 15 sizes and specifications (see Table 1 of this Edition);
- Add technical requirements for material hardness and maximum operating temperature (see Table 2 of this Edition).

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

Drafting organizations of this Document: China First Automobile Group Co., Ltd.; Dongfeng Motor Corporation; Anhui Jianghuai Automobile Group Co., Ltd.; Faw Jiefang Automotive Company; Hanergy Mobile Energy Holding Group Co., Ltd.; and Beijing Automotive Research Institute Co., Ltd.

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The historical editions replaced by this Document are as follows:

- ZB/T 31038-1988;
- QC/T 638-2000;
- It is second-time revised hereby.

Sealing Washer

1 Scope

This Document specifies the type, size, technical requirements and product number of sealing washer.

This Document is applicable to the sealing between components in the pipeline system of automobiles with oil as the medium.

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 2040 Copper and copper alloy sheet

GB/T 3880.1 Wrought aluminum and aluminum alloy plates, sheets and strips for general engineering - Part 1: Technical conditions of delivery

GB/T 30512 Requirements for prohibited substances on automobiles

QB/T 2200 Mild Steel Paperboard

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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