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AUTOMOBILE INDUSTRY STANDARD
OF THE PEOPLE'S REPUBLIC OF CHINA

ICS 43.040

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QC/T 1103-2019

12-point head heat resistant nuts

12 角头耐热锁紧螺母

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12-point head heat resistant nuts

1 Scope

1.1 This standard specifies the type, size, technical requirements, reference standard and number of 12-point head heat resistant nuts for automobiles.

1.2 This standard is applicable to 12-point head heat resistant nuts for automobiles, which have thread specifications of M5 ~ M12, material properties abbreviated as SB, product grade of TA, working temperature below 700 °C.

2 Normative references

The following documents are essential to the application of 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 standard.

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 3098.8 Mechanical properties of fasteners - Parts for bolted connections for use at temperatures -200 °C ~ +700 °C

GB/T 3098.9 Mechanical properties of fasteners - Prevailing torque type steel nuts

GB/T 3103.4 Tolerances for fasteners - Bolt/nut assemblies for service temperatures from -200 °C ~ +700 °C

GB/T 5276 Fasteners - Bolts, screws, studs and nuts - Symbols and descriptions of dimensions

GB/T 5779.2 Fasteners - Surface discontinuities - Nuts

GB/T 14992 Classification and designation for superalloys and high temperature intermetallic materials

QC/T 326 Coding rules for automotive standardized parts

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