

JB

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JB/T 8925-2008

Replacing JB/T 8925-1999

**Rolling bearings - Automotive universal joint cross assemblies
- Technical requirements**

滚动轴承 汽车万向节十字轴总成 技术条件

(English Translation)

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1 Scope

This Standard specifies the code, technical requirements, inspection and test methods, inspection rules, marking, rustproof packaging, transport and storage of U-joint cross

assembly of the automobile driving shaft (hereinafter referred to as assembly).

This Standard is applicable to the universal joint cross assembly of driving shafts for small or medium trucks, passenger cars and limousines. For heavy trucks, engineering machinery and the universal joint cross assembly of the automobile steering knuckle, this Standard can also be referred to.

2 Normative References

The following documents contain provisions which, through reference in this text, constitute provisions of this Standard. For dated references, subsequent amendments to (excluding any amendments), or revisions of, are not applicable to this standard; however, however, parties who come to an agreement according to this Standard are encouraged to research if the latest editions of these references are applicable to this Standard. For any undated references, the latest edition of the document referred to applies.

GB/T 230.1-2004 Metallic Rockwell Hardness Test Part 1: Test Methods (A, B, C, D, E, F, G, H, K, N, T Scale) (ISO 6508-1: 1999; MOD)

GB/T 1958-2004 Geometrical Product Specification (GPS) Geometrical Tolerance Testing Requirements

GB/T 3077-1999 Alloy Structure Steels (Neq DIN EN 10083-1: 1991)

GB/T 4199-2003 Rolling Bearings - Tolerance Definition (ISO 1132-1:2000, Rolling Bearings - Tolerance-Part 1: Terms and Definitions, MOD)

GB/T 4340.1-1999 Metallic Materials-Vickers Hardness Test Part 1: Test Methods (Eqv ISO 6507-1:1997)

GB/T 5671-1995 General Purpose Lithium Base Grease for Automobile (Eqv ASTM K2220:1993)

GB/T 6930-2002 Rolling Bearings - Vocabulary (ISO 5593:1997, IDT)

GB/T 8597- 2003 Rolling Bearings - Rustproof Packaging

GB/T 9450-2005 Measurement and Verification of Carburizing Quenching Effective Hardening Depth of Steels

JB/T 1255-2001 Specification for Heat-treatment of Rolling Bearing Parts Made from High Carbon Chromium Steel

JB/T 3232-2006 Rolling Bearings U-joint Needle Bearings

JB/T 6639-2004 Rolling Bearing Parts-Skeleton Acrylonitrile-buta-diene Copolymers Seal Ring-Technical Specification

JB/T 6641-2007 Rolling Bearings Residual Magnetism and Its Assessment Method

JB/T 7051-2006 Rolling Bearing Parts-Methods for the Measurement and Assessment of Surface Roughness

JB/T 7940.1-1995 Straight Hydraulic Grease Nipples

JB/T 7940.2-1995 Angle Hydraulic Grease Nipples

JB/T 7940.7-1995 Grease Cup-Technical Specification

JB/T 8921-1999 Inspection Rules for Rolling Bearings and Its Commodity Parts

Qc/T 262-1999 Metallographic Inspection for Automobile Carburized Gear

Qc/T 523-1999 Bench Test Methods for Automobile Transmission Shaft Assembly