



NATIONAL STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

中华人民共和国国家标准

GB/T 14370-2007

Replace GB/T 14370-2000

预应力筋用锚具、夹具和连接器
**Anchorage, Grip and Coupler for
Prestressing Tendons**

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Issued by

**the General Administration of Quality Supervision, Inspection
and Quarantine of the People's Republic of China**

Foreword

This national standard replaces GB/T 14370-1993 Anchorage, Grip and Coupler for Pre-stressing Tendons.

There are some major differences between this standard and GB/T 14370-1993, which show as follows:

- Adding "anchorage for dragline is also applicable to this standard" in the application scope of this standard;
- Making some changes on product classification, code name, and marking method include: establishing nationally unified code names for anchorage, grip and coupler; moreover, new making method can prevent the system code name from indicating appointed manufacturer on engineering design chart.
- Adding basic requirements for low stress and removable dragline;
- Amending the static testing device chart of anchorage and grip. When the stress exceeds $0.8f_{ptk}$, the loading speed in static test can be slowed down; and the loading speed in periodic load test, or static test for single prestressing tendon - anchorage assembly is allowed to be slowed down to 200MPa/min;
- Detailing more on measurement, observation and requirements of static test than former standards;
- Supplementing the auxiliary test methods.

This standard is proposed by the Ministry of Construction of the P.R.C.

This national standard is under the jurisdiction of Construction Engineering Standardization Technology Administration of Ministry of Construction (MC)- China Academy of Building Research.

This national standard is drafted by China Academy of Building Research, No.1 Highway Engineering Bureau of China Communications Construction Group, China Academy of Railway Sciences, Liuzhou OVM Machinery Co.,Ltd., Liuzhou VLM Prestressing Co.,Ltd., Liuzhou Qiumu Prestressing Mechanical Co., Ltd., and Hang Zhou Zhe Mao Prestressing Force Co.,Ltd..

This national standard is prepared by Yu Bing, Pei Xiao, Tian Keping, Zhuang Junsheng, Zu Ying, Long Yue, Lin Juzhang, Mei Shutao, and Zeng Li.

The replaced standards of this standard are showed as follows:

-GB/T 14370-1993;

-GB/T 14370-2000.

Anchorage, Grip and Coupler for Prestressing Tendons

1 Scope

This standard specifies product type, coda mark, specifications, testing method, test rule and mark, packaging, transport, storage of anchorage, grip and coupler for prestressing tendons.

This national standard is applicable to anchorage, grip and coupler for the bonded or unbonded prestressed concrete, and internal or external tendon prestressed concrete.

The anchorage for dragline is also applicable to this national standard.

2 Normative References

For dated reference, subsequent amendments to, or revisions of (excluding corrigendum contents), any of these publications do not apply. For undated references, the latest edition of the normative document referred to applies.

GB/T 197-2003 General Purpose Screw Threads Tolerances

GB/T 1804 General Tolerances-Tolerances for Linear and Angular Dimensions without Individual Tolerance Indications

JG/T 5011.8 Construction Machinery and Equipment General Specification for Forgings

JG/T 5011.9 Construction Machinery and Equipment General Specification for Heat Treatment Part

JG/T 5011.10 Construction Machinery and Equipment General Specification for Cuttings

JG/T 5012 Construction Machinery and Equipment General Specification for Product Packages

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