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

GB/T 15730-2008

Replacing GB/T 15730-1995

**Pliers and nippers for electronics -- General technical
requirements**

电讯夹扭钳和剪切钳通用技术条件

(English Translation)

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Foreword

This revised standard adopts ISO 9657:2004 "folder twist Telecommunications Pliers and nippers - General technical requirements" (in English) and ISO 9656:2004 "Telecommunications clamp Pliers and nippers twist test" (in English).

This standard is based on ISO 9657. redraft 2004.2004 and ISO 9656. Information Appendix A lists the provisions of this national standard Standard Terms and international control list.

Taking into account China's national conditions, in the use of ISO 9657:2004 and ISO 9656:2004, the standard of this made some changes to the relevant technical Differences have been incorporated into the text, and they are involved in terms of the margin of a single vertical line identification. And given in Appendix B ISO 9657:2004 and ISO 9656:2004 and the list of technical differences in the reasons for reference.

This standard and ISO 9657:2004 and ISO 9656:2004 The main differences are as follows.

- Some of the statements apply to international standards to apply to our standard formulation;
- Cited the adoption of international standards of national standards and other standards (Chapter 2 of this edition);
- Increased material requirements (this edition 3.1);
- Surface treatment and surface quality makes provision (Excerpts of 3.2, 3.3);
- Cutting pliers cutting edge of telecommunications regulations made slit (Excerpts 3.5);

- Increasing the clamp shaft hardness (this version 3.7.4);
- On the shape and size, surface treatment and surface quality, testing methods slit edge makes provision (Chapter 4 of this edition);
- Makes provision for inspection rules (Chapter 5 of this edition);
- For packaging, labeling, transportation and storage makes provision (Chapter 6 of this edition);
- Made an adjustment on the part of the content.

This standard replaces GB/T 15730-1995 "folder twist Telecommunications Pliers and nippers - General technical requirements." this standard and GB/T 15730-1995 compared to the main changes are as follows.

- Increased material requirements (this edition 3.1);
- Increased telecommunications clamp shape and size requirements (this edition 3.4);
- Adjust the clamp jaws telecommunications folder twist top slot requirements (1995 version 3.2.2, this version is 3.5);
- Adjusted telecommunications clamp hardness (1995 version 3.4, this version of 3.7);
- Cancel the grading requirements of the Telecommunications cutting pliers (1995 version 3.4, 3.5);
- Adjusted Telecommunications twist clip pliers bending strength test load (1995 edition Table 4.6, this version of 4.4).

Appendix A of this standard and Appendix B is an informative annex.

This standard by the National Standardization Technical Committee Hardware this standard by the National Standardization Technical Committee, hardware tools, hardware sub-technical committee.

This standard by Jiangsu Jinlu Group Co., Ltd., Jiangsu Hongbao Hardware Co., Ltd., Shanghai Industrial Tool Research Institute is responsible for drafting, Zhejiang Wanda Snap-on Tools Co., Ltd., Ningbo Great Wall Precision Industrial Co., Ltd., Hai Kunjie Hardware Tools Co., Maxpower workers Group Co., Ltd. has participated in the drafting.

Drafters of this standard. Wu Zu Xun, Jiang Yan flowers, Wangzhu Ming, Liang, Chen Lihai, Linmei De, Liu Yuxin, Jujia Ping, Gu Qing.

This standard replaces the standards previously issued as follows.

- GB/T 15730-1995.

Telecommunications folder twist Pliers and nippers - General technical requirements

1 Scope

This standard specifies the telecommunications twist clip pliers nippers technology and telecommunications requirements, test methods, inspection rules, packaging, labeling, transportation and Storage.

This standard applies to telecommunications and telecommunications folder twisting pliers cutting pliers (hereinafter referred to as telecommunications clamp).

This standard does not apply to live working in telecommunications clamp.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 230.1 Metallic Rockwell hardness test - Part 1. Test methods (A, B, C, D, E, F, G, H, K, N, T scale) (GB/T 230.1-2004, ISO 6508-1:1999, MOD) GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (GB/T 2828.1-2003, ISO 2859-1:1999, IDT) GB/T 4340.1 Vickers hardness test - Part 1. Test method (GB/T 4340.1-1999, eqv ISO 6507-1.

1997)

GB/T 5305 Hand tools, packaging, labeling, transportation and storage GB/T 14953 copper wire

3.1 Materials

Adopted to achieve this standard of other materials of high quality carbon structural steel, alloy structural steel or equivalent or more.

3.2 Surface treatment

Telecommunications clamp clamp body can be polishing, plating, surface treatment can be achieved compound of the surface treatment requirements of this standard.

3.3 Surface quality

Telecommunications clamp clamp surface 3.3.1 There must be no cracks, burrs, scratches and rust and other defects.

3.3.2

After plating, black or other compounds generated after processing telecommunications clamp, the surface should be uniform color, should be seamless plating, such as electroplating layer from missing Depression and obvious spots and exposed end of the phenomenon.

3.4 Shape and Size

Telecommunications clamp shape and size should meet the standard requirements related products.

3.5 Jaws

3.5.1

Telecommunications folder twist clamp jaws, unless otherwise specified in the design, the jaws in the closed state, the top should be in contact with each other.

3.5.2

Telecommunications cutting pliers clamp grip handle in the state, the edge gap should be less than 0.05mm.

3.5.3

Telecommunications clamp within the normal operating range, should be unimpeded astringent clamp gills, jaws open and close should be flexible and not affect the function of lateral offset.

3.6 Clamp handle

3.6.1

Telecommunications clamp clamp handle should be comfortable gripping, it can be equipped with handle sets.

3.6.2

Telecommunications folder after twisting pliers bending strength test, jaws and clamp handle should not affect the normal function of the permanent deformation and damage.