

LH-I06

预绝缘端子压线钳



围绕预绝缘端子的金属压接筒，将导线端接与设备接口安装分开核对。

- 分区识别
- 线束应用
- 选型信息连贯

产品资料与配套

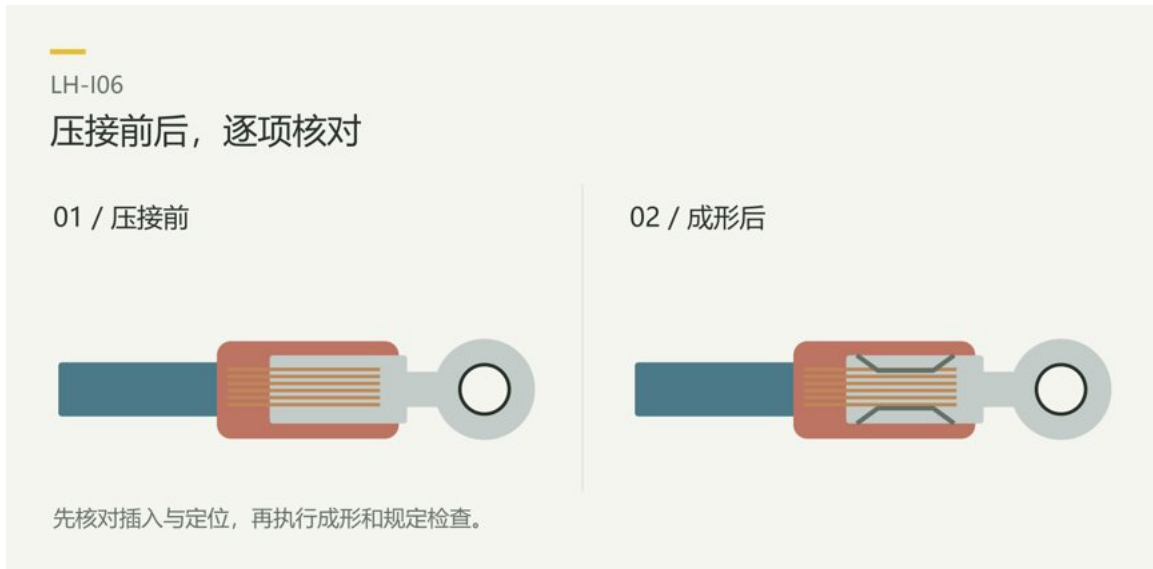
连接件	预绝缘环形、叉形或对应片式端子
工件条件	同时识别导体压接筒与绝缘支撑结构
前道准备	确认导线截面积、外皮尺寸及剥线长度
后道装配	按螺柱、螺钉或插接接口要求完成安装
相关配套	LH-S06 导线准备；LH-A01 端子资料
检查内容	导体位置、外套状态、接口尺寸及安装保持

可以直接按红蓝黄颜色选择钳口吗？

颜色只能辅助识别；应以端子料号、导线范围和配套工具要求为准。

LH-I06 / 作业顺序

LH-I06 的选型对象是具有预绝缘结构的端子。环形、叉形及相应插接端子的接口不同，导线端的压接区域也需要按系列核对。记录金属压接筒、外套结构和工具要求，不能把相似颜色视作统一规格。



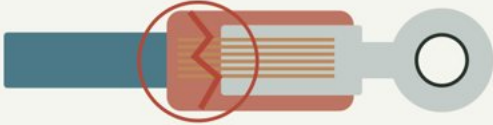
- 01 识别接口：记录端子料号、导线要求和设备端孔径或插接尺寸，确认模具与端子系列对应。
- 02 准备导线：依端子文件剥线，保留完整线股，核对外皮直径与端子入口。
- 03 插入定位：让导体到达金属压接筒规定位置，避免绝缘层占据导体连接区域。
- 04 完成压接：按说明定位压接筒与外套并完成行程；不同端子不一律采用相同的双区成形方式。
- 05 安装复核：检查线端后，完成螺钉、螺柱或插接安装；端子压接与设备接口固定分别验收。

LH-I06 / 检查与排查

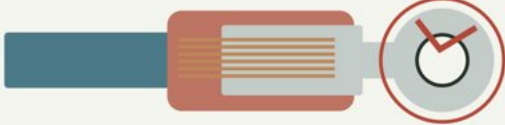
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观察异常，定位排查

01 / 外套开裂



02 / 接口变形



红色圈注定位可见异常，不作为量规或试验的替代。

观察到的现象	优先核对	处理方向
导线滑动	导体插入、线径、压接筒与模具	暂停使用线端，纠正配套并重做。
外套开裂	外皮直径、外套结构及钳口位置	更换端子，复核定位与行程。
环孔或叉口变形	是否误压设备接口	更换端子，将作用区回到压接筒。
压接牢固但接口松动	接口尺寸及设备固定要求	单独复核接口安装，不用再次压线代替紧固。

作业完成检查清单

- 端子与模具系列一致，线径和外皮尺寸符合部件要求。
- 导体位置正确，没有散股或缺股。
- 外套没有明显裂口，设备接口没有变形。
- 压接处完成规定的保持、拉力或其他检查。
- 孔位、插接配合与设备端固定状态单独确认。

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Insulated terminal crimping tool



Pair the insulated terminal barrel with the wire, then check equipment mounting separately.

- Identify working areas
- Harness applications
- Connected selection information

PRODUCT INFORMATION & PAIRING

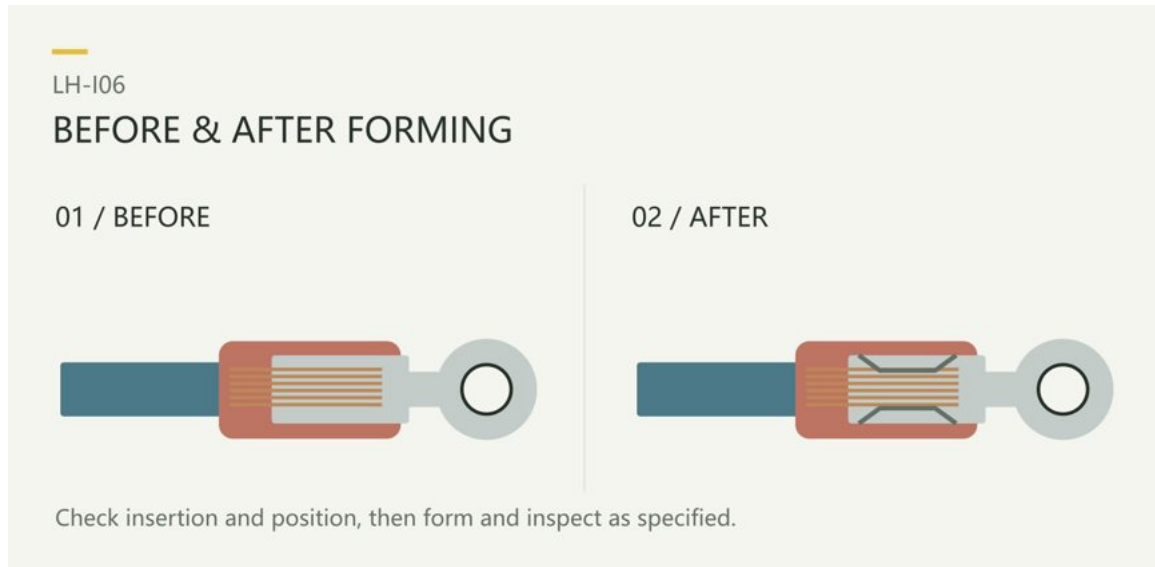
Connection part	Compatible pre-insulated ring, fork or blade-interface terminals
Workpiece conditions	Identify conductor barrel and insulation support
Preparation	Establish conductor area, jacket diameter and strip length
Next assembly	Complete the stud, screw or mating-interface installation
Related pairing	LH-S06 wire preparation; LH-A01 terminal information
Inspection	Conductor position, sleeve condition, interface dimensions and retention

Can I choose a die from insulation color alone?

Color helps identification, but use terminal part number, wire range and matched tooling requirements.

LH-I06 / WORKFLOW

LH-I06 selection concerns pre-insulated terminals. Ring, fork and relevant mating terminals have different equipment interfaces; their wire-end areas still require series-specific tooling checks. Record barrel, sleeve and tooling requirements. Similar colors do not define a universal size.



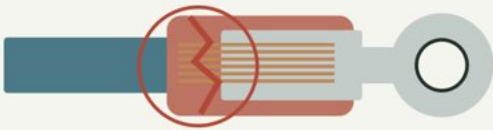
- 01 Identify the interface: record terminal part number, wire requirements and mounting or mating dimensions; match the die to the series.
- 02 Prepare the wire: strip as specified, retain all strands and check insulation diameter against the entry.
- 03 Insert and locate: seat the conductor in the specified barrel position; keep wire insulation out of the conductor connection area.
- 04 Complete the crimp: position barrel and sleeve as instructed and complete the cycle. Not every terminal uses the same two-zone crimp.
- 05 Install and verify: inspect the wire end, then complete the stud, screw or mating installation. Check these connections separately.

LH-I06 / INSPECTION

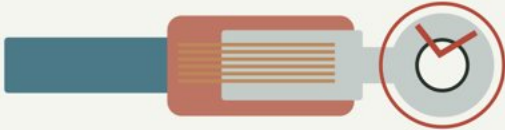
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OBSERVE & REVIEW

01 / SPLIT SLEEVE



02 / INTERFACE DAMAGE



Red marks locate visible faults; they do not replace gauges or specified tests.

Observation	Check first	Response
Wire slips	Insertion, wire size, barrel and die	Isolate the end, correct the pairing and remake.
Sleeve splits	Insulation size, sleeve and die position	Replace the terminal; review location and cycle.
Ring or fork distorts	Pressure on the equipment interface	Replace the terminal and relocate the barrel.
Crimp holds; mounting is loose	Interface size and fastening	Inspect the mounting; another crimp cannot replace fastening.

Completion checklist

- Terminal and die series match; wire and insulation sizes meet component requirements.
- The conductor is positioned correctly without lost or stray strands.
- The sleeve is intact and the equipment interface is undistorted.
- Required retention, pull or other crimp checks are complete.
- Equipment hole size, mating fit and fastening are checked separately.