

 JRready®



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嘉兴市精锐仪器设备有限公司
深圳杰锐德仪器设备有限公司



公司简介 COMPANY PROFILE

嘉兴市精锐仪器设备有限公司是一家开发专业工具及设备的企业，服务于线缆和连接器的生产制造，其主要应用于新能源汽车、充电桩充电桩、航天、航空、军事、高铁机车、航海、核电、石油勘探等领域。多年的积累，精锐仪器在制造精密四芯轴压接工具方面具有独特的优势，具备从产品设计到产品制造的成熟工艺能力。

公司注重自主品牌形象的建设，始终追求产品卓越品质，力求为用户提供更优质的服务，打造更完美的用户体验。

Jiaxing Jingrui Instrument & Equipment Co., Ltd is a company producing professional tools and providing services in the manufacture of wiring harness and connectors which are used in the fields of aviation, aerospace, electric vehicles, marine, nuclear power, oil exploration, etc.. Years of accumulation, the company has a unique advantage in manufacturing four-indent crimp tools. It possesses mature technology from product design to product manufacture.

The company attaches significance to the construction of own brand, insists excellent product quality and strives to provide customers with best service and perfect experience.

公司文化 COMPANY CULTURE

- 企业精神:** 精益求精 锐意进取
- 我们的使命:** 创造精益技术 成就美好生活
- 我们的愿景:** 做世界级的压接设备运营商
- 团队价值观:** 团队比个人更重要 能力比知识更重要
行动比空谈更重要 创造价值最重要
- 服务宗旨:** 微笑 诚挚 专业 快速 满意

- Entrepreneurship:** Keep improving, forge ahead
- Our Mission:** Create lean technology and achieve a better life
- Our Desire:** To be a world-class supplier of crimping equipment
- Team Values:** Group is more important than individual;
Ability is more important than knowledge;
Action is more important than empty talk;
Value creation is more important
- Service Tenet:** Smile, Sincerity, Professional, Fast, Satisfaction

目录

| | |
|------------------------|-------|
| 军标系列四芯轴压接工具 | 01-06 |
| 参照M22520/1-01设计四芯轴压接工具 | 01 |
| 参照M22520/2-01设计四芯轴压接工具 | 03 |
| 参照M22520/7-01设计四芯轴压接工具 | 05 |
| 其他系列四芯轴压接工具 | 07-14 |
| 标准型四芯轴压接工具 | 07 |
| 多档位四芯轴压接工具 | 09 |
| 环形四芯轴压接工具 | 11 |
| 微小型四芯轴压接工具 | 12 |
| C型框架多功能压接工具 | 13 |
| 特殊应用四芯轴压接工具 | 15-26 |
| DT/DTP/DTM连接器装配工具 | 15 |
| 重负荷连接器装配工具 | 17 |
| 新能源线束装配设备 | 19 |
| 微型麻花针四芯轴压接工具 | 23 |
| 微创医疗器械专用压接工具 | 24 |
| 线簧孔专用压接工具 | 25 |
| 护套专用压接工具 | 26 |
| 连接器生产加工设备 | 27-34 |
| 插孔收口设备 | 29 |
| 插拔测力设备 | 30 |
| 连接器气密检测设备 | 31 |
| 通止规套装 | 32 |
| 连接器取送工具 | 33 |
| 测力器工具 | 34 |

Product Catalog

| | |
|---|-------|
| Military Standard 4-Indent Crimp Tool | 01-06 |
| M22520/1-01 Series 4-Indent Crimp Tool | 01 |
| M22520/2-01 Series 4-Indent Crimp Tool | 03 |
| M22520/7-01 Series 4-Indent Crimp Tool | 05 |
| Other 4-Indent Crimp Tool | 07-14 |
| 4-Indent Standard Crimp Tool | 07 |
| 4-Indent Multi-Selector Crimp Tool | 09 |
| Circular-Indent Crimp Tool | 11 |
| 4-Indent Miniature Crimp Tool | 12 |
| Open Frame Multifunctional Crimp Tool | 13 |
| Special Application 4-Indent Crimp Tool | 15-26 |
| DT/DTP/DTM Connector Assembly Tool | 15 |
| Heavy-duty Connector Assembly Tool | 17 |
| New Energy Wire Harness Assembly Equipment | 19 |
| 4-Indent Miniature Twist Pin Crimp Tool | 23 |
| Minimally Invasive Medical Device Crimp Tool | 24 |
| Wire Spring Socket Crimp Tool | 25 |
| Sheath Crimp Tool | 26 |
| Connector Processing Equipment | 27-34 |
| Socket Closing Equipment | 29 |
| Socket Insertion Withdrawal Force Testing Equipment | 30 |
| Connector Air Tightness Testing Equipment | 31 |
| Go-NoGo Gage Kit | 32 |
| Installing & Removal Tool | 33 |
| Contact Retention Tool | 34 |

军标系列四芯轴压接工具

参照M22520/1-01 设计四芯轴压接工具



YJQ-W2A/JRD-AF8/ACT-M201压接工具参照军标MIL-C-M22520/1-01压接规范设计的一款手动工具，适用于电连接器中12#、16#、20# P/S端子与导线的连接，适配导线范围12-26AWG(4.0-0.128mm²)；具有以下特点：

- 具有标准的压接齿痕，保证高精度的压接质量；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有8档位选择调节，以适配不同规格导线的压接；

The YJQ-W2A/JRD-AF8/ACT-M201 crimp tool is designed according to MIL-C-M22520/1-01. It is suitable for the crimping of 12#, 16#, 20# P/S contacts and wires. Wire Range: 12-26AWG (4.0-0.128mm²).

- Standard crimping identations ensure high-precision crimping quality;
- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 8-selector adjustment for crimping wires of different sizes.

| 序号 No. | 型号 Model | 军标号 (参考MIL设计, Not QPL) Military Number (Designed According to MIL, Not QPL) | 产品类型 Product Type |
|--------|----------|--|------------------------------------|
| 1 | YJQ-W2A | | |
| 2 | JRD-AF8 | M22520/1-01 | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 3 | ACT-M201 | | |
| 4 | TH1A | M22520/1-02 | 定位器 Positioner |
| 5 | TH4 | M22520/1-03 | 定位器 Positioner |
| 6 | TH163 | M22520/1-04 | 定位器 Positioner |
| 7 | UH2-5 | M22520/1-05 | 通用型定位器 Universal Positioner |
| 8 | TP45 | M22520/1-06 | 定位器 Positioner |
| 9 | TP85 | M22520/1-07 | 定位器 Positioner |
| 10 | TH199S | M22520/1-08 | 定位器 Positioner |
| 11 | TP360 | M22520/1-09 | 定位器 Positioner |
| 12 | TP365 | M22520/1-10 | 定位器 Positioner |
| 13 | TP465 | M22520/1-11 | 定位器 Positioner |
| 14 | TH270 | M22520/1-12 | 定位器 Positioner |
| 15 | TH285 | M22520/1-13 | 定位器 Positioner |
| 16 | TH288 | M22520/1-14 | 定位器 Positioner |
| 17 | TP485 | M22520/1-15 | 定位器 Positioner |
| 18 | TP513 | M22520/1-16 | 定位器 Positioner |
| 19 | TP651 | M22520/1-17 | 定位器 Positioner |
| 20 | TH343 | M22520/1-18 | 定位器 Positioner |

Military Standard 4-Indent Crimp Tool

M22520/1-01 Series 4-Indent Crimp Tool

YJQ-W2Q压接工具参照军标MIL-C-M22520/1-01压接规范设计的气动款工具，适用于电连接器中12#、16#、20# P/S端子与导线的连接，适配导线范围12-26AWG(4.0-0.128mm²)，具有以下特点：

- 适合批量生产，无需额外的专业人员培训；
- 具有标准的压接齿痕，保证高精度的压接质量；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有8档位选择调节，以适配不同规格导线的压接；
- 配有底座，可360° 旋转固定，以便提高操作人员的舒适性，从而减小操作人员疲劳度；
- 具有手动和脚踏模式，可相互转换。

The YJQ-W2Q pneumatic crimp tool is designed according to MIL-C-M22520/1-01. It is suitable for the crimping of 12#, 16#, 20# P/S contacts and wires. Wire Range: 12-26AWG (4.0-0.128mm²).

- Suitable for mass production. No professional training required;
- Standard crimping identations ensure high-precision crimping quality;
- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 8-selector adjustment for crimping wires of different sizes;
- Equipped with a bench mount which can be rotated by 360° to improve the comfort and reduce the fatigue of the operator;
- Has switchable hand and foot control mode.



第一步：放入端子
Step 1: Insert the contacts to be crimped



第二步：放入导线
Step 2: Insert the wire into the crimp hole



第三步：压接并打开压接钳
Step 3: Crimp and open the tool handle



第四步：取出压接端子
Step 4: Remove the contacts



军标系列四芯轴压接工具

参照M22520/2-01设计四芯轴压接工具



YJQ-W1A/ACT-M101 压接工具参照军标 MIL-C-M22520/2-01 压接规范设计的一款手动工具。适用于电连接器中 20#、22D P/S 端子与导线的连接，适配导线范围 20-32AWG(0.52-0.0316mm²)。具有以下特点：

- 具有标准的压接齿痕，保证高精度的压接质量；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有 8 档位选择调节，以适应不同规格导线的压接；
- 体积小，便于现场维修使用。

The YJQ-W1A/ACT-M101 crimp tool is designed according to MIL-C-M22520/2-01. It is suitable for the crimping of 20#, 22D P/S contacts and wires. Wire Range: 20-32AWG(0.52-0.0316mm²).

- Standard crimping indentations ensure high-precision crimping quality;
- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- Small size for on-site maintenance and use.

| 序号 No. | 型号 Model | 军标号 (参考MIL设计, Not OPL) Military Number(Designed According to MIL, Not OPL) | 产品类型 Product Type |
|--------|---------------------|---|------------------------------------|
| 1 | YJQ-W1A ACT-M101 | M22520/2-01 | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 2 | K1S | M22520/2-02 | 定位器 Positioner |
| 3 | K60S | M22520/2-03 | 定位器 Positioner |
| 4 | K151 | M22520/2-04 | 定位器 Positioner |
| 5 | K3 | M22520/2-05 | 定位器 Positioner |
| 6 | K41 | M22520/2-06 | 定位器 Positioner |
| 7 | K40 | M22520/2-07 | 定位器 Positioner |
| 8 | K13-1 | M22520/2-08 | 定位器 Positioner |
| 9 | K42 | M22520/2-09 | 定位器 Positioner |
| 10 | K43 | M22520/2-10 | 定位器 Positioner |
| 11 | K287 | M22520/2-11 | 定位器 Positioner |

Military Standard 4-Indent Crimp Tool

M22520/2-01 Series 4-Indent Crimp Tool



YJQ-W1Q 压接工具参照军标 MIL-C-M22520/2-01 压接规范设计的气动款工具。适用于电连接器中 20#、22D P/S 端子与导线的连接，适配导线范围 20-32AWG(0.520-0.0316mm²)。具有以下特点：

- 适合批量生产，无需额外的专业人员培训；
- 具有标准的压接齿痕，保证高精度的压接质量；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有 8 档位选择调节，以适应不同规格导线的压接；
- 配有底座，可 360° 旋转固定，以便提高操作人员的舒适性，从而

The YJQ-W1Q pneumatic crimp tool is designed according to MIL-C-M22520/2-01. It is suitable for the crimping of 20#, 22D P/S contacts and wires. Wire Range: 20-32AWG(0.520-0.0316mm²).

- Suitable for mass production. No professional training required;
- Standard crimping indentations ensure high-precision crimping quality;
- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 8-selector adjustment for crimping wires of different sizes.
- Equipped with a bench mount which can be rotated by 360° to improve the comfort and reduce the fatigue of the operator;
- Has switchable hand and foot control mode.

| 序号 No. | 型号 Model | 军标号 (参考MIL设计, Not OPL) Military Number(Designed According to MIL, Not OPL) | 产品类型 Product Type |
|--------|----------|---|-----------------------------|
| 12 | K286 | M22520/2-12 | 定位器 Positioner |
| 13 | K338 | M22520/2-13 | 定位器 Positioner |
| 14 | K340 | M22520/2-14 | 定位器 Positioner |
| 15 | K341 | M22520/2-15 | 定位器 Positioner |
| 16 | K339 | M22520/2-16 | 定位器 Positioner |
| 17 | K342 | M22520/2-17 | 定位器 Positioner |
| 18 | K343 | M22520/2-18 | 定位器 Positioner |
| 19 | K330-2 | M22520/2-19 | 定位器 Positioner |
| 20 | K331-2 | M22520/2-20 | 定位器 Positioner |
| 21 | K332-2 | M22520/2-21 | 定位器 Positioner |
| 22 | K212 | M22520/2-22 | 定位器 Positioner |
| 23 | K267-1 | M22520/2-23 | 定位器 Positioner |
| 24 | K75S-1 | M22520/2-24 | 定位器 Positioner |
| 25 | K261-1 | M22520/2-25 | 定位器 Positioner |
| 26 | K262-1 | M22520/2-26 | 定位器 Positioner |
| 27 | K269-1 | M22520/2-27 | 定位器 Positioner |
| 28 | K373-1 | M22520/2-28 | 定位器 Positioner |
| 29 | K372-1 | M22520/2-29 | 定位器 Positioner |
| 30 | K404 | M22520/2-30 | 定位器 Positioner |
| 31 | K406 | M22520/2-31 | 定位器 Positioner |
| 32 | K496 | M22520/2-32 | 定位器 Positioner |
| 33 | K74S | M22520/2-33 | 定位器 Positioner |
| 34 | K323 | M22520/2-34 | 定位器 Positioner |
| 35 | K532-1 | M22520/2-35 | 定位器 Positioner |
| 36 | K473 | M22520/2-36 | 定位器 Positioner |
| 37 | K709 | M22520/2-37 | 定位器 Positioner |
| 38 | SK2/2 | / | 通用型定位器 Universal Positioner |

军标系列四芯轴压接工具

参照M22520/7-01设计四芯轴压接工具



YJQ-W7A压接工具参照军标MIL-C-M22520/7-01压接规范设计的一款手动工具，适用于电连接器中16#、20# P/S端子与导线的连接，适配导线范围16-28AWG(1.318-0.0804mm²)；具有以下特点：

- 具有标准的压接刃面，保证高精度的压接质量；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有8档位选择调节，以适配不同规格导线的压接；
- 体积小，便于现场维修使用。

The YJQ-W7A crimp tool is designed according to MIL-C-M22520/7-01. It is suitable for the crimping of 16#, 20# P/S contacts and wires. Wire Range: 16-28AWG(1.318-0.0804mm²).

- Standard crimping identations ensure high-precision crimping quality;
- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 8-selector adjustment for crimping wires of different sizes;
- Small size for on-site maintenance and use.

| 序号 No. | 型号 Model | 军标号 (参考MIL设计, Not QPL) Military Number (Designed According to MIL, Not QPL) | 产品类别 Product Type |
|--------|----------|--|------------------------------------|
| 1 | YJQ-W7A | M22520/7-01 | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 2 | 86-1S | M22520/7-02 | 定位器 Positioner |
| 3 | 86-2 | M22520/7-03 | 定位器 Positioner |
| 4 | 86-3 | M22520/7-04 | 定位器 Positioner |
| 5 | 86-4 | M22520/7-05 | 定位器 Positioner |
| 6 | 86-5 | M22520/7-06 | 定位器 Positioner |
| 7 | 86-6 | M22520/7-07 | 定位器 Positioner |
| 8 | 86-7 | M22520/7-08 | 定位器 Positioner |
| 9 | 86-11S | M22520/7-09 | 定位器 Positioner |
| 10 | 86-12S | M22520/7-10 | 定位器 Positioner |
| 11 | 86-19 | M22520/7-11 | 定位器 Positioner |
| 12 | 86-20 | M22520/7-12 | 定位器 Positioner |
| 13 | 86-21 | M22520/7-13 | 定位器 Positioner |
| 14 | 86-37 | / | 通用型定位器 Universal Positioner |

Military Standard 4-Indent Crimp Tool

M22520/7-01 Series 4-Indent Crimp Tool



YJQ-W7Q压接工具参照军标MIL-C-M22520/7-01压接规范设计的气动款工具，适用于电连接器中16#、20# P/S端子与导线的连接，适配导线范围16-28AWG(1.318-0.0804mm²)，具有以下特点：

- 适合批量生产，无需额外的专业人员培训；
- 具有标准的压接刃面，保证高精度的压接质量；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有8档位选择调节，以适配不同规格导线的压接；
- 配有底座，可360°旋转固定，以提高操作人员的舒适性，从而减小操作人员疲劳度；
- 具有手动和脚踏模式，可相互转换。

The YJQ-W7Q pneumatic crimp tool is designed according to MIL-C-M22520/7-01. It is suitable for the crimping of 16#, 20# P/S contacts and wires. Wire Range: 16-28AWG(1.318-0.0804mm²).

- Suitable for mass production. No professional training required;
- Standard crimping identations ensure high-precision crimping quality;
- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 8-selector adjustment for crimping wires of different sizes;
- Equipped with a bench mount which can be rotated by 360° to improve the comfort and reduce the fatigue of the operator;
- Has switchable hand and foot control mode.

其他系列四芯轴压接工具

标准型四芯轴压接工具



YJQ-M309/JRD-M309是一款手动四芯轴压接工具，适用于电连接器中端子与导线的连接，适配导线范围8-18AWG(8.37-0.8107mm²)；

YJQ-M300/JRD-M300是一款手动四芯轴压接工具，适用于电连接总端子与与导线的连接，适配导线范围6-14AWG(13.3-2.075mm²)；具有以下特点：

- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有8档位选择调节，以适配不同规格导线的压接；
- 体积小，便于现场维修使用。

YJQ-M309/JRD-M309 is a 4-indent hand crimp tool, suitable for the crimping of contacts and wires in electrical connectors. Wire Range: 8-18AWG(8.37-0.8107mm²);

YJQ-M300/JRD-M300 is a 4-indent hand crimp tool, suitable for the crimping of contacts and wires in electrical connectors. Wire Range: 6-14AWG(13.3-2.075mm²).

- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 8-selector adjustment for crimping wires of different sizes;
- Small size for on-site maintenance and use.

| 序号 No. | 型号 Model | 应用详情 Application Details | 产品类型 Product Type |
|--------|----------|---|------------------------------------|
| 1 | YJQ-M309 | / | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 2 | JRD-M309 | / | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 3 | YJQ-W3Q | / | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 4 | UF3-C001 | 通用型定位器, 适配多种导线尺寸, 可适配不同规格电连接器 Universal Positioner, Positioning wires not perforated, Suitable for contacts of different types and sizes | 通用型定位器 Universal Positioner |
| 5 | TP1058 | 0903006213 HARTING | 定位器 Positioner |
| 6 | TP1071 | FCT FMP00P-002P-A,ETC | 定位器 Positioner |
| 7 | TP1072 | FMP002 & -002S-A,ETC | 定位器 Positioner |
| 8 | TP1073 | FCT FMP01-FMP043S | 定位器 Positioner |
| 9 | TP1075 | FMP018P-043P | 定位器 Positioner |
| 10 | TP1094 | 193796-1,193797-1,193841-1,19382-1,TYCO | 定位器 Positioner |
| 11 | TP1124 | 2-194035-2,-4,-5,-7,-8,13-194035-1,0,-3,TYCO | 定位器 Positioner |
| 12 | TP1125 | 194032-5,194032-6,194032-7, AMP CONTACT | 定位器 Positioner |
| 13 | TP1150 | 32-0100 S,32-0500 P,MULTI CONTACT | 定位器 Positioner |
| 14 | TP1179 | YPN025-002,-003,YSK025-003,-004,-013, HYPERTRONICS | 定位器 Positioner |
| 15 | TP1284 | YSK025-031,YPN25-024, HYPERTRONICS | 定位器 Positioner |
| 16 | TP1362 | CKFA & CKMA-4.0,-6.0, MENCOR | 定位器 Positioner |
| 17 | TP1376 | P0800,S0800,P0801,S0801,AIRBUS,ABS0715 | 定位器 Positioner |
| 18 | TP1402 | 17DM53744-201,-206,-207,17DM53745-201,-207,-208 AMPHENOL | 定位器 Positioner |
| 19 | TH652 | C34011HC # 2.0 S,CCE-ELNSER GMBH | 定位器 Positioner |

Other 4-Indent Crimp Tool

4-Indent Standard Crimp Tool



YJQ-W3Q是一款气动四芯轴工具，适用于电连接器中端子与导线的连接，适配导线范围8-18AWG(8.37-0.8107mm²)；

YJQ-W4Q是一款气动四芯轴工具，适用于电连接器中端子与导线的连接，适配导线范围6-18AWG(13.3-0.8107mm²)；

具有以下特点：

- 适合批量生产，无需额外的专业人员培训；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有8档位选择调节，以适配不同规格导线的压接；
- 配有底座，可360° 旋转固定，以提高操作人员的舒适性，从而减小操作人员疲劳度。

YJQ-W3Q is a 4-indent pneumatic crimp tool, suitable for the crimping of contacts and wires in electrical connectors. Wire Range: 8-18AWG(8.37-0.8107mm²);

YJQ-W4Q is a 4-indent pneumatic crimp tool, suitable for the crimping of contacts and wires in electrical connectors. Wire Range: 6-14AWG(13.3-2.075mm²).

- Suitable for mass production. No professional training required;
- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 8-selector adjustment for crimping wires of different sizes;
- Equipped with a bench mount which can be rotated by 360° to improve the comfort and reduce the fatigue of the operator.

| 序号 No. | 型号 Model | 应用详情 Application Details | 产品类型 Product Type |
|--------|----------|---|------------------------------------|
| 1 | YJQ-M300 | / | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 2 | JRD-M300 | / | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 3 | YJQ-W4Q | / | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 4 | UF4-C001 | 通用型定位器, 适配多种导线尺寸, 可适配不同规格电连接器 Universal Positioner, Positioning wires not perforated, Suitable for contacts of different types and sizes | 通用型定位器 Universal Positioner |
| 5 | SP587 | RC14PEOP1, RC13PEOP1, RC10PEOP1, BUNDY CONTACTS | 定位器 Positioner |
| 6 | SP604 | 047.1325.08 P, 047.1325.08 S, Deutch CONTACTS | 定位器 Positioner |
| 7 | SP658 | DF-05-257-08,DF-05-259-08,DF-06-A-041-08,DF-06-A-040-08, Deutch CONTACTS | 定位器 Positioner |
| 8 | SP708 | 018-0007-08,1841-5-0805,018-0078-08, Deutch CONTACTS | 定位器 Positioner |
| 9 | SP858 | 21352-0211161-LAMP CONTACTS | 定位器 Positioner |
| 10 | TH558 | 340104-07-08,-08,-08,-11,-112 SOURIAU CONTACTS | 定位器 Positioner |
| 11 | TH579 | 6FX2001-5A00,6FX2001-5A00, SIEMENS CONTACTS | 定位器 Positioner |
| 12 | TH580 | 6FX2001-5A00, SIEMENS CONTACTS | 定位器 Positioner |
| 13 | TH581 | 6FX2001-5A00, SIEMENS CONTACTS | 定位器 Positioner |
| 14 | TH640 | 6FX2001-4A00, SIEMENS CONTACTS | 定位器 Positioner |
| 15 | TH641 | 6FX2001-4A00, SIEMENS CONTACTS | 定位器 Positioner |

其他系列四芯轴压接工具 Other 4-Indent Crimp Tool

多档位四芯轴压接工具 4-Indent Multi-Selector Crimp Tool



4-indent hand crimp tools, suitable for the crimping of $\phi 1.0$, $\phi 1.50$, $\phi 2.0$, $\phi 3.0$ contacts & wires in XKE and XC series electrical connectors.

该系列工具是一款手动四芯轴压接工具，应用电连接器XKE和XC系列 $\phi 1.0$ 、 $\phi 1.50$ 、 $\phi 2.0$ 、 $\phi 3.0$ 接触体与导线的压接；具有以下特点：

- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有10档位选择调节，以适配不同规格导线的压接；
- 体积小，便于现场维修使用。

- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 10-selector adjustment for crimping wires of different sizes;
- Small size for on-site maintenance and use.

| 序号 No. | 型号 Model | 适配导线范围 Wire Range | 适配定位器型号 Positioner Model | 对应气动压接工具 Pneumatic Version Crimp Tool |
|--------|----------|-------------------|--------------------------|---------------------------------------|
| 1 | XCX | 10-26(6-0.128) | | / |
| 2 | XCX-01 | 10-26 (5-0.128) | DWQ-01 | XCX-01Q |
| 3 | XCX-02 | 10-26(5-0.128) | UF3-C001 | XCX-02Q |
| 4 | SYQ-001 | 20-26(0.52-0.128) | 86-SYQ-001 | SYQ-001Q |
| 5 | SYQ-002 | 10-26(5-0.128) | TH03-SYQ-002 | SYQ-002Q |



该系列工具是一款气动四芯轴压接工具，应用电连接器XKE和XC系列 $\phi 1.0$ 、 $\phi 1.50$ 、 $\phi 2.0$ 、 $\phi 3.0$ 接触体与导线的压接；具有以下特点：

- 适合批量生产，无需额外的专业人员培训；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 具有10档位选择调节，以适配不同规格导线的压接；
- 配有底座，可360°旋转固定，以提高操作人员的舒适性，从而减小操作人员疲劳度。

4-indent pneumatic crimp tools, suitable for the crimping of $\phi 1.0$, $\phi 1.50$, $\phi 2.0$, $\phi 3.0$ contacts & wires in XKE and XC series electrical connectors.

- Suitable for mass production, no professional training required;
- The double action ratchet ensures reliable crimping every time;
- Accommodates different positioners, easy to remove and replace;
- 10-selector adjustment for crimping wires of different sizes;
- Equipped with a bench mount which can be rotated by 360° to improve the comfort and reduce the fatigue of the operator.

具体适配接触体详情: Contact Application Details

| XKE和XC系列电连接器接触体 Contacts in XKE and XC series electrical connectors | | | | |
|---|--|----------------------------------|-------------------------|--|
| 接触体规格 Contact Size | 国产导线截面积mm ² Wire Cross-sectional Area mm ² | 美标导线 AWG American Wire Gauge AWG | 压接工具型号 Crimp Tool Model | |
| $\phi 1$ | 红 Red | 0.15 | 26 | SYQ-001 SYQ-001Q |
| | 红 Red | 0.20 | 24 | |
| | 红 Red | 0.35 | 22 | |
| | 蓝 Blue | 0.20 | 24 | |
| | 蓝 Blue | 0.35 | 22 | |
| | 蓝 Blue | 0.6 | 20 | |
| $\phi 1.5$ | 红 Red | 0.4 | 22 | SYQ-002 SYQ-002Q XCXY XCXY-01 XCXY-02Q |
| | 红 Red | 0.5 | 21 | |
| | 红 Red | 0.6 | 20 | |
| | 蓝 Blue | 1.0 | 17 | |
| | 蓝 Blue | 0.5 | 21 | |
| | 蓝 Blue | 0.6 | 20 | |
| $\phi 2$ | 蓝 Blue | 1.0 | 17 | SYQ-002 SYQ-002Q XCXY XCXY-01 XCXY-02Q |
| | 蓝 Blue | 1.2 | 16 | |
| | 红 Red | 1.0 | 17 | |
| | 红 Red | 1.2 | 16 | |
| | 红 Red | 1.5 | 15 | |
| | 蓝 Blue | 1.0 | 17 | |
| $\phi 3$ | 蓝 Blue | 1.5 | 15 | SYQ-002 SYQ-002Q XCXY XCXY-01 XCXY-02Q |
| | 蓝 Blue | 2.5 | 13 | |
| | 红 Red | 2.5 | 13 | |
| | 红 Red | 4.0 | 11 | |
| | 蓝 Blue | 2.5 | 13 | |
| | 蓝 Blue | 4.0 | 11 | |
| | 蓝 Blue | 6 | 9 | |

其他系列四芯轴压接工具

环形四芯轴压接工具 Circular-Indent Crimp Tool



GS100/GS200都是参照军标压接规范设计的一款手工环形四芯轴压接工具，应用于屏蔽线的压接。每一个压块都是均匀相等的1/4圆，因而分布，齿痕上下位置一致；

具有以下特点：

- 具有标准的压接齿痕，保证高精度的压接质量；
- 自锁装置确保每一次压接都稳定可靠；
- 可适配不同的定位器，便于拆卸和更换；
- 体积小，便于现场维修使用。

具体详情见下表：

| 序号 No. | 型号 Model | 军标号 (参考MIL设计, Not QPL) Military Number (Designed According to MIL, Not QPL) | 档位 Selector | | 应用详情 Application Details |
|--------|----------|--|--------------|-----------------|--------------------------|
| | | | 通 GO mm/inch | 止 NO GO mm/inch | |
| 1 | GS100-1 | M22520/4-01 | 2.43/0.096 | 2.54/0.100 | / |
| 2 | GS200-1 | M22520/31-01 | 3.61/0.142 | 3.71/0.146 | / |
| 3 | GP295 | M22520/4-02 | / | / | 配(Use with) GS100-1 |
| 4 | GP330 | M22520/31-02 | / | / | 配(Use with) GS200-1 |
| 5 | G120 | M22520/3-02 | / | / | 配(Use with) GS100-1 |
| 6 | G443 | M22520/3-05 | / | / | 配(Use with) GS200-1 |

Other 4-Indent Crimp Tool

微小型四芯轴压接工具 4-Indent Miniature Crimp Tool



YJQ-MH992是一款微小型手动四芯轴压接工具，最小可以压接到36AWG。它适配可更换的符合MIL系列的定位器，有8个连续可调档位；

具体的应用详情见下表：

YJQ-MH992 is a miniature 4-indent hand crimp tool, which can crimp 36AWG. Accommodates replaceable MIL series positioners and has 8 continuously adjustable selections.

| 序号 No. | 型号 Model | 应用详情 Application Details | 产品类别 Product Type |
|--------|-----------|---|------------------------------------|
| 1 | YJQ-MH992 | / | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 2 | G822 | YJQ-MH992的第8档 SEL. NO. 8 on YJQ-MH992 | 通止规, Go-nogo Gage |
| 3 | K1303S | M39029/102-558 S | 定位器 Positioner |
| 4 | K1304 | M39029/103-559 P | 定位器 Positioner |
| 5 | K1360 | 21-33664-7M, 21-3365-7M Amphenol | 定位器 Positioner |
| 6 | K1605 | 6362-223-1231 Deutsch | 定位器 Positioner |
| 7 | K1365 | 21-33762-5 & 21-33763-5 Amphenol Contacts | 定位器 Positioner |



YJQ-MH800是一款超精密型手动四芯轴压接工具，它较YJQ-W1A/ACT-M101 (M22520/2-01) 具有更严格的生产制造以及精密的压接档位，确保更可靠的压接质量。适配导线范围20-32AWG (0.52-0.0316mm²)。可适配K系列和M22520/2-XX系列定位器，具有红色手柄便于识别。

具体的应用详情见下表：

YJQ-MH800 is an ultra-precision 4-indent hand crimp tool. Compared with YJQ-W1A/ACT-M101 (M22520/2-01), it has stricter manufacturing and precise selectors to ensure more reliable crimping quality. Wire Range: 20-32AWG (0.52-0.0316mm²). Accommodates K series and M22520/2-XX series positioners. With red handle for easy identification.

| 序号 No. | 型号 Model | 应用详情 Application Details | 产品类别 Product Type |
|--------|-----------|---|------------------------------------|
| 1 | YJQ-MH800 | / | 手动四芯轴压接工具 4-indent Hand Crimp Tool |
| 2 | G100 | YJQ-MH800的第3档 SEL. NO. 3 on YJQ-MH800 | 通止规, Go-nogo Gage |
| 3 | K4 | 2202-16-0101 P, 220-8-0101 Pin STK Deutsch | 定位器 Positioner |
| 4 | K5 | 2202-17-0101 S, 2203-09-0101 Soc STK Deutsch | 定位器 Positioner |
| 5 | K127 | 2841-5, 2841-13, 2803-4, 2803-10, 1000 6D Deutsch | 定位器 Positioner |

其他系列四芯轴压接工具 Other 4-Indent Crimp Tool

C型框架多功能压接工具 Open Frame Multifunctional Crimp Tool



YJQ-W5和YJQ-UDT5系列手动压接工具，具有极大的灵活性，适配多种MIL军标压模和定制压模，用于不同的同轴连接器的压接。工具具有自锁装置设计，保证每一次压接都稳定可靠。

YJQ-W5 and YJQ-UDT5 series hand crimp tools have great flexibility for crimping different coaxial connectors with a variety of interchangeable MIL dies and custom dies.

Self-locking device design ensures reliable crimping every time.



| 型号 Model | 压接端子 Contacts | 压接型制 Crimp shape | 长度 length (mm) | 重量 weight (g) |
|----------|---|------------------|----------------|---------------|
| YJQ-W5 | 包壳端子/同轴电缆/绝缘层屏蔽层/松紧护套/多用途 Coaxial/insulation/shield/elastic sheath/utility | | 280 | 625 |
| YJQ-UDT5 | | | 270 | 800 |



| 序号 No. | 型号 Model | 军标号 (参考 NOT OPL) Military Number (Designed According to MIL, Not OPL) | A模口 Die Cavity A mm/inch | 压模长度 Indentation Length mm/inch | B模口 Die Cavity B mm/inch | 压模长度 Indentation Length mm/inch |
|--------|----------|---|--------------------------|---------------------------------|--------------------------|---------------------------------|
| 1 | YJQ-W5 | M22520/5-01 | / | / | / | / |
| 2 | YJQ-UDT5 | / | / | / | / | / |
| 3 | Y200P | M22520/5-02 | 2.31/0.091 | 2.29/0.090 | 1.73/0.068 | 6.86/0.270 |
| 4 | Y196-P | M22520/5-03 | 3.25/0.128 | 8.25/0.325 | 2.67/0.105 | 8.25/0.325 |
| 5 | Y152-P | M22520/5-04 | 3.50/0.138 | 2.29/0.090 | 3.00/0.118 | 6.86/0.270 |
| 6 | Y197-P | M22520/5-05 | 5.41/0.213 | 8.25/0.325 | 4.52/0.178 | 8.25/0.325 |
| 7 | Y203-P | M22520/5-06 | 3.25/0.128 | 2.39/0.094 | / | / |
| 8 | Y195-P | M22520/5-07 | 6.50/0.255 | 8.25/0.325 | / | / |
| 9 | Y215-P | M22520/5-08 | 3.25/0.128 | 9.53/0.375 | / | / |
| 10 | Y204P | M22520/5-09 | 4.52/0.178 | 10.16/0.400 | 1.73/0.068 | 2.36/0.093 |
| 11 | Y189-P | M22520/5-10 | 4.06/0.160 | 10.16/0.400 | / | / |
| 12 | Y205P | M22520/5-11 | 5.41/0.213 | 10.16/0.400 | 1.73/0.068 | 2.36/0.093 |
| 13 | Y206P | M22520/5-13 | 6.48/0.255 | 10.16/0.400 | 1.73/0.068 | 2.36/0.093 |
| 14 | Y207P | M22520/5-15 | 6.68/0.263 | 10.16/0.400 | 1.73/0.068 | 2.36/0.093 |
| 15 | Y193-P | M22520/5-17 | 3.00/0.118 | 9.53/0.375 | / | / |
| 16 | Y142-P | M22520/5-19 | 6.48/0.255 | 10.16/0.400 | 5.41/0.213 | 10.16/0.400 |
| 17 | Y149-P | M22520/5-21 | 12.07/0.475 | 10.16/0.400 | / | / |
| 18 | Y145-P | M22520/5-23 | 9.75/0.384 | 10.16/0.400 | / | / |
| 19 | Y110P | M22520/5-25 | 10.90/0.429 | 10.16/0.400 | 2.54/0.100 | 3.05/0.120 |
| 20 | Y151-P | M22520/5-27 | 13.51/0.532 | 10.16/0.400 | / | / |
| 21 | Y109-P | M22520/5-29 | 8.23/0.324 | 10.16/0.400 | 2.54/0.100 | 3.05/0.120 |
| 22 | Y150-P | M22520/5-31 | 12.73/0.501 | 10.16/0.400 | / | / |
| 23 | Y136-P | M22520/5-33 | 8.71/0.343 | 10.16/0.400 | 2.67/0.105 | 10.16/0.400 |
| 24 | Y137-P | M22520/5-35 | 8.23/0.324 | 10.16/0.400 | 3.25/0.128 | 10.16/0.400 |
| 25 | Y138-P | M22520/5-37 | 7.98/0.314 | 10.16/0.400 | 3.84/0.151 | 10.16/0.400 |
| 26 | Y139-P | M22520/5-39 | 7.65/0.309 | 10.16/0.400 | 4.06/0.160 | 10.16/0.400 |
| 27 | Y140-P | M22520/5-41 | 7.37/0.290 | 10.16/0.400 | 4.52/0.178 | 10.16/0.400 |
| 28 | Y141-P | M22520/5-43 | 6.81/0.268 | 10.16/0.400 | 5.00/0.197 | 10.16/0.400 |
| 29 | Y143-P | M22520/5-45 | 5.87/0.231 | 10.16/0.400 | 5.54/0.218 | 10.16/0.400 |
| 30 | Y144-P | M22520/5-47 | 9.12/0.359 | 10.16/0.400 | / | / |
| 31 | Y146-P | M22520/5-49 | 10.19/0.401 | 10.16/0.400 | / | / |
| 32 | Y147-P | M22520/5-51 | 10.95/0.431 | 10.16/0.400 | / | / |
| 33 | Y148-P | M22520/5-53 | 11.53/0.454 | 10.16/0.400 | / | / |
| 34 | Y102-P | M22520/5-55 | 8.23/0.324 | 10.16/0.400 | / | / |
| 35 | Y209P | M22520/5-57 | 5.41/0.213 | 10.16/0.400 | 2.54/0.100 | 3.05/0.120 |
| 36 | Y208P | M22520/5-59 | 6.48/0.255 | 10.16/0.400 | 2.54/0.100 | 3.05/0.120 |
| 37 | Y178-P | M22520/5-61 | 10.90/0.429 | 10.16/0.400 | / | / |
| 38 | Y314P | M22520/5-63 | 6.68/0.263 | 10.16/0.400 | 2.31/0.091 | 2.29/0.090 |
| 39 | Y631-A | M22520/5-105 | 5.54/0.218 | 7.80/0.307 | / | / |
| | Y631-B | | / | / | / | / |

特殊应用四芯轴压接工具 Special Application 4-Indent Crimp Tool

DT/DTP/DTM连接器装配工具 DT/DTP/DTM Connector Assembly Tool



此系列压接工具应用于 DT、DTM、DTP 系列连接器中 20#、16#、12#、8# 接触体与导线的压接。
This series of crimp tools are used for crimping of 20#, 16#, 12#, 8# contacts and wires in DT, DTM, and DTP series connectors.

| 序号 No. | 名称 Name | 规格型号 Model | 适配导线范围 Wire Range (AWG/mm ²) | 长度 Length (mm) | 重量 Weight (g) | 端子尺寸 Contact Size |
|--------|---|------------|--|----------------|---------------|-------------------|
| 1 | 手动四芯轴压接工具 4-indent Hand Crimp Tool | ACT-M202 | 12-22 (4.0-0.32) | 202 | 486 | 12#, 16#, 20# |
| 2 | 手动四芯轴压接工具 4-indent Hand Crimp Tool | JRD-HDT-48 | 12-22 (4.0-0.32) | 245 | 571 | 12#, 16#, 20# |
| 3 | 手动四芯轴压接工具 4-indent Hand Crimp Tool | JRD-W2D | 12-22 (4.0-0.32) | 245 | 571 | 12#, 16#, 20# |
| 4 | 手动四芯轴压接工具 4-indent Hand Crimp Tool | JRD-W4 | 6-14 (2.075-13.3) | 245 | 571 | 8# |
| 5 | 手动四芯轴压接工具 4-indent Hand Crimp Tool | YJQ-W2DT | 12-22 (4.0-0.32) | 245 | 563 | 12#, 16#, 20# |
| 6 | 气动四芯轴压接工具 4-indent Pneumatic Crimp Tool | YJQ-W2DTQ | 12-22 (4.0-0.32) | 254 | 1890 | 12#, 16#, 20# |



1. 将端子放入压接孔
1. Put the contact into the crimp hole
2. 将定位器螺钉调整到合适的位置
2. Adjust the positioning screw to a suitable position
3. 将导线插入端子
3. Insert the wire into the contact
4. 压接后取出，完成压接
4. Crimp and remove the crimped contact



| 序号 No. | 端子型号 Contact Model | 端子种类 Contact Type | 导线规格 Wire Size (mm ² /AWG) |
|--------|--------------------|-------------------|---|
| 1 | 0460-204-08** | 8#插针(PIN) | 8AWG |
| 2 | 0462-203-08** | 8#插孔(SOC) | |
| 3 | 0460-204-12** | | 12AWG |
| 4 | 0460-211-12** | | |
| 5 | 0460-220-12** | | 3.0mm ² |
| 6 | 0460-235-12** | 12#插针(PIN) | 2.5mm ² |
| 7 | 0460-258-12** | | |
| 8 | 0460-002-12** | | 2.5mm ² |
| 9 | 0462-203-12** | | |
| 10 | 0462-210-12** | | 14AWG |
| 11 | 0462-214-12** | 12#插孔(SOC) | |
| 12 | 0462-215-12** | | 2.0mm ² |
| 13 | 4062-002-12** | | |
| 14 | 0460-215-16XX | 16#插针(PIN) | 14AWG 2.0mm ² |
| 15 | 0462-209-16XX | 16#插孔(SOC) | 14AWG 2.0mm ² |
| 16 | 0460-002-16XX | | 1.5mm ² |
| | 0460-202-16XX | | 16AWG |
| | 0460-211-16XX | 16#插针(PIN) | 1.0mm ² |
| | 0460-230-16XX | | |
| | 0460-235-16XX | | |
| | 0460-247-16XX | | 18AWG |
| | 0462-004-16XX | | 0.75mm ² |
| | 0462-201-16XX | | |
| | 0462-214-16XX | 16#插孔(SOC) | 20AWG |
| | 0462-221-16XX | | |
| 17 | 0462-222-16XX | 16#插孔(SOC) | 0.5mm ² 16AWG |
| 18 | 0462-001-16XX | 16#插孔(SOC) | 1.0mm ² 16AWG |
| | 0462-223-16XX | 16#插孔(SOC) | 1.5mm ² 16AWG |
| | 0460-202-20XX | 16#插针(PIN) | 1.0mm ² 20AWG |
| | 0462-201-20XX | 16#插孔(SOC) | 0.5mm ² 16AWG |
| 20 | 0462-005-20XX | 16#插孔(SOC) | 1.0mm ² 18AWG 0.75mm ² 16AWG |
| | 0460-020-20XX | 16#插针(PIN) | 1.0mm ² 18AWG 0.75mm ² 16AWG |
| | 0460-020-20XX | 16#插针(PIN) | 1.0mm ² 18AWG 0.75mm ² |

特殊应用四芯轴压接工具 Special Application 4-Indent Crimp Tool

重载连接装配工具 Heavy-duty Connector Assembly Tool



此系列套装主要应用于重载连接器中5A、10A、16A、40A、10A、16A、40A Pin/Soc and wires in heavy-duty connectors;

| 序号 No. | 类别 Type | 型号 Model | 套装型号 Tool Kit Model |
|--------|------------------|---|---------------------|
| 1 | 5A套装 (Tool Kit) | YJQ-W7A+86-D-Sub+TL08 | JST2511 |
| 2 | 5A套装 (Tool Kit) | YJQ-W7Q+86-D-sub+PC-SUITE1+BM-2+F2+TL08 | JST4511 |
| 3 | 10A套装 (Tool Kit) | JRD-AF8+TH493-D+TL00 | JST2512 |
| 4 | 10A套装 (Tool Kit) | YJQ-W2Q+TH493-D+BM-2+PC-SUITE1+TL00 | JST4512 |
| 5 | 16A套装 (Tool Kit) | JRD-AF8+TH531-E+TL01G | JST2513 |
| 6 | 16A套装 (Tool Kit) | YJQ-W2Q+TH531-E+BM-2+PC-SUITE1+TL01G | JST4513 |
| 7 | 40A套装 (Tool Kit) | YJQ-M300+TH40A-C+TL06 | JST2514 |
| 8 | 40A套装 (Tool Kit) | YJQ-W4Q+TH40A-C+BM-2+PC-SUITE2+TL06G | JST4514 |

应用详情: Application

| 序号 No. | 名称 Name | 端子图片 Contact Picture | 端子型号 Contact Model | 线规 Wire Size (mm ² /AWG) | 压接工具 Crimp Tool | 定位器 Positioner | 退针器 Removal Tool |
|--------|------------------------|----------------------|--------------------|-------------------------------------|--|----------------|------------------|
| 1 | 5A冷压针 5A Contacts | | 09670007576 | 0.08-0.21(28-24) | YJQ-W7A YJQ-W7Q | 86-D-Sub | TL08 |
| 2 | | | 09670005576 | 0.13-0.33(26-22) | | | |
| 3 | | | 09670008576 | 0.2047-0.52(24-20) | | | |
| 4 | | | 09670003576 | 0.33-0.817(22-18) | | | |
| 5 | | | 09670007476 | 0.08-0.21(28-24) | | | |
| 6 | | | 09670005476 | 0.13-0.33(26-22) | | | |
| 7 | | | 09670006476 | 0.2047-0.52(24-20) | | | |
| 8 | | | 09670003476 | 0.33-0.817(22-18) | | | |
| 9 | 10A冷压针 10A Contacts | | 09150006104 | 0.14-0.37(26-22) | YJQ-W2A JRD-AF8 JRD-FT8 YJQ-W2Q | TH493-D | TL00 |
| 10 | | | 09150006103 | 0.5(20) | | | |
| 11 | | | 09150006105 | 0.75(18) | | | |
| 12 | | | 09150006102 | 1.0(17) | | | |
| 13 | | | 09150006101 | 1.5(16) | | | |
| 14 | | | 09150006106 | 2.5(14) | | | |
| 15 | | | 09150006204 | 0.14-0.37(26-22) | | | |
| 16 | | | 09150006203 | 0.5(20) | | | |
| 17 | | | 09150006205 | 0.75(18) | | | |
| 18 | | | 09150006202 | 1.0(17) | | | |
| 19 | | | 09150006201 | 1.5(16) | | | |

续上表

| 序号 No. | 名称 Name | 端子图片 Contact Picture | 端子型号 Contact Model | 线规 Wire Size (mm ² /AWG) | 压接工具 Crimp Tool | 定位器 Positioner | 退针器 Removal Tool |
|--------|------------------------|----------------------|--------------------|-------------------------------------|--|----------------|------------------|
| 20 | 10A冷压针 10A Contacts | | 09150006206 | 2.5(14) | YJQ-W2A JRD-AF8 JRD-FT8 YJQ-W2Q | TH493-D | TL00 |
| 21 | | | 09150006124 | 0.14-0.37(26-22) | | | |
| 22 | | | 09150006123 | 0.5(20) | | | |
| 23 | | | 09150006125 | 0.75(18) | | | |
| 24 | | | 09150006122 | 1.0(17) | | | |
| 25 | | | 09150006121 | 1.5(16) | | | |
| 26 | | | 09150006126 | 2.5(14) | | | |
| 27 | | | 09150006224 | 0.14-0.37(26-22) | | | |
| 28 | | | 09150006223 | 0.5(20) | | | |
| 29 | | | 09150006225 | 0.75(18) | | | |
| 30 | | | 09150006222 | 1.0(17) | | | |
| 31 | | | 09150006221 | 1.5(16) | | | |
| 32 | | | 09150006226 | 2.5(14) | | | |
| 33 | | | 09330006127 | 0.14-0.37(26-22) | | | |
| 34 | | | 09330006121 | 0.5(20) | | | |
| 35 | | | 09330006114 | 0.75(18) | | | |
| 36 | 09330006105 | 1.0(18) | | | | | |
| 37 | 09330006104 | 1.5(16) | | | | | |
| 38 | 09330006102 | 2.5(14) | | | | | |
| 39 | 09330006106 | 3.0(12) | | | | | |
| 40 | 09330006107 | 4.0(12) | | | | | |
| 41 | 09330006227 | 0.14-0.37(26-22) | | | | | |
| 42 | 09330006220 | 0.5(20) | | | | | |
| 43 | 09330006214 | 0.75(18) | | | | | |
| 44 | 09330006205 | 1.0(18) | | | | | |
| 45 | 09330006204 | 1.5(16) | | | | | |
| 46 | 09330006202 | 2.5(14) | | | | | |
| 47 | 09330006206 | 3.0(12) | | | | | |
| 48 | 09330006207 | 4.0(12) | | | | | |
| 49 | 09330006117 | 0.14-0.37(26-22) | | | | | |
| 50 | 09330006122 | 0.5(20) | | | | | |
| 51 | 09330006115 | 0.75(18) | | | | | |
| 52 | 09330006118 | 1.0(18) | | | | | |
| 53 | 09330006116 | 1.5(16) | | | | | |
| 54 | 09330006123 | 2.5(14) | | | | | |
| 55 | 09330006119 | 4.0(12) | | | | | |
| 56 | 09330006217 | 0.14-0.37(26-22) | | | | | |
| 57 | 09330006222 | 0.5(20) | | | | | |
| 58 | 09330006215 | 0.75(18) | | | | | |
| 59 | 09330006218 | 1.0(18) | | | | | |
| 60 | 09330006216 | 1.5(16) | | | | | |
| 61 | 09330006223 | 2.5(14) | | | | | |
| 62 | 09330006221 | 4.0(12) | | | | | |
| 63 | 09320006104 | 1.5 (16) | | | | | |
| 64 | 09320006105 | 2.5 (14) | | | | | |
| 65 | 09320006107 | 4.0 (12) | | | | | |
| 66 | 09320006108 | 6.0 (10) | | | | | |
| 67 | 09320006109 | 10.0 (8) | | | | | |
| 68 | 09320006204 | 1.5 (16) | | | | | |
| 69 | 09320006205 | 2.5 (14) | | | | | |
| 70 | 09320006207 | 4.0 (12) | | | | | |
| 71 | 09320006208 | 6.0 (10) | | | | | |
| 72 | 09320006209 | 10.0 (8) | | | | | |
| 73 | 09320006114 | 1.5 (16) | | | | | |
| 74 | 09320006115 | 2.5 (14) | | | | | |
| 75 | 09320006117 | 4.0 (12) | | | | | |
| 76 | 09320006118 | 6.0 (10) | | | | | |
| 77 | 09320006119 | 10.0 (8) | | | | | |
| 78 | 09320006224 | 1.5 (16) | | | | | |
| 79 | 09320006225 | 2.5 (14) | | | | | |
| 80 | 09320006227 | 4.0 (12) | | | | | |
| 81 | 09320006228 | 6.0 (10) | | | | | |
| 82 | 09320006229 | 10.0 (8) | | | | | |
| 83 | 09320006224 | 1.5 (16) | | | | | |
| 84 | 09320006225 | 2.5 (14) | | | | | |
| 85 | 09320006227 | 4.0 (12) | | | | | |

特殊应用四芯轴压接工具

新能源线束压接工具及设备

New Energy Wire Harness Crimp Tools and Equipment



随着时代的进步与发展,新能源汽车,作为一项新的行业新的能源使用,将传统汽油机取代的新型能源输出方式,新能源的概念提出,新能源汽车领域飞速发展,国内新能源汽车的销售量一直在上升,充电桩充电枪在逐步扩建,线束行业的发展不能止步,充电桩,充电枪的线束四芯轴冷压接在这个领域的应用也逐步走向成熟。

With the development of the times, new energy vehicles, as a new energy source, are used as a new energy output method that will replace traditional gasoline engines. After the concept of new energy was put forward, the field of new energy vehicles developed rapidly. The sales volume of domestic new energy vehicles has been rising, and the charging piles /charging guns are gradually expanding. The application of 4-indent crimping of the wiring harness of charging piles/charging guns in this field is gradually becoming mature.

Special Application 4-Indent Crimp Tool

新能源小平方线缆气动压接工具

Pneumatic Crimp Tool for New Energy Small Square Cable



YJQ-W4Q-4-indent和YJQ-W4Q-5-indent是一款气动款的四芯轴压接工具,应用于新能源小型端子与导线的压接,压接导线规格是2.5mm²和6.0mm²。

与常规款的工具相比,此两款工具进行了优化设计,减小接触电阻,并且具有8个档位可进行微调,通孔直径扩大到 $\phi 10.8$,从而增大了工具的应用范围。

YJQ-W4Q-4-indent and YJQ-W4Q-5-indent pneumatic crimp tools are used for crimping new energy small size contacts and wires. Wire Size: 2.5mm²~6.0mm².

Compared with conventional tools, these two tools have been optimized to reduce contact resistance, and have 8 selectors for fine adjustment. The diameter of the thru-hole is expanded to $\phi 10.8$, which increases the application range of the tool.

具体详情 Details

| 序号 No. | 压接工具型号 Model | 导线规格 Wire Size (mm ²) | 压接外径 Crimp OD mm | 通孔直径 Thru-hole Dia mm | 压接内径 Crimp ID mm |
|--------|--------------|-----------------------------------|------------------|-----------------------|------------------|
| 1 | YJQ-W4Q-4C4 | 6 | $\phi 6$ | $\phi 10.8$ | $\phi 4$ |
| 2 | YJQ-W4Q-4C5 | 2.5 | $\phi 4.5$ | $\phi 10.8$ | $\phi 2.5$ |

特殊应用四芯轴压接工具

新能源大平方线缆气动压接机 Pneumatic Crimp Machine for New Energy Large Square Cable



- 适用于线缆制造行业使用的压接设备
- 同步运动的四芯轴压接设备，快速压接，一次成型
- 用于压接圆端子
- 用于压接铜鼻子 (DT, DTG, SC, JGK, JGY, JG, JM, C45, GT-1, GTY-1) 70mm²以下
- 压接深度可连续调节，最小调节范围0.1mm
- 压接距离锁定装置，保证压接的高可靠性
- 动力完全来自于压缩空气，安全节能
- 方便的使用通过式扁规校验
- 体积小巧，净重75kg，适合流水线安装
- Suitable for wiring harness manufacturing industry
- Fast crimping & one-time shaping
- Suitable for rotary contacts
- Suitable for crimping copper lugs (DT, DTG, SC, JGK, JGY, JG, JM, C45, GT-1, GTY-1), Contacts size below 70 mm²
- Continuously adjustable crimp depth; min adjusting range: 0.1 mm
- Distance locking devices to ensure high crimping quality
- Force completely produced from compressed air, safe & energy saving
- Convenient gauge calibration
- Small size, suitable for line operation

| 型号 Model | 模式 Crimp Style | 压接通孔直径 (mm) Through-hole Dia | 压接通孔直径 (mm) Indenter Flaring Dia | 压接长度 (mm) Indenter Length | 适用导线 Wire Size (mm ²) |
|----------|--|------------------------------|----------------------------------|---------------------------|-----------------------------------|
| TS-01 | 四芯轴八点压接 | φ17.5 | 2-7 | 4.4 | 3.0-35.0 |
| TS-02G | Four-indent | φ22.4 | 4-9 | 4.6 | 25.0-50.0 |
| TS-03 | Eight-impession Crimping | φ21.5 | 3-8 | 4.8 | 10.0-50.0 |
| TS-04 | 四芯轴四点压接 Four-indent Four-impession Crimping | φ23.0 | 定制 Customization | 1.5 | |

*适用导线范围是在端子材料和导线均为紫铜的条件下测试结果，如采用其它材质会有所不同
The applicable wire range may be different if the material of crimped wire is not red copper



Special Application 4-Indent Crimp Tool

新能源大平方线缆液压压接机 Hydraulic Crimp Equipment for New Energy Large Square Cable



设备简介:

- 专为新能源大平方线缆压接而设计的液压驱动四芯轴压接设备，最大可压接95mm²;
- PLC控制，系统输出压力可调，保压时间可调，压接参数可自定义，操作简单;
- 压模可更换拆卸，定制不同的压接模块，可实现不同的压接型制;
- 高效，节能，稳定，适合流水线生产。

Equipment Introduction:

- Hydraulic-powered four-indent crimp machine, specially designed for crimping large size wires, maximum size 120mm².
- PLC control, adjustable system output pressure and holding time, user-defined crimping parameter, simple & convenient operation.
- Removable & replaceable dies. Different dies can be customized to achieve different crimp shapes.
- Efficient & energy saving & stable, suitable for line production.

工作原理:

本设备由PLC独立控制，通过伺服电机驱动油泵，产生高压油，经过管道系统作用到油缸，推动作用杠杆，产生稳定的输出力，从而完成端子的压接。输出压力由压力传感器闭环控制，保证了系统的稳定性和压接的一致性。

Working principle:

This equipment is independently controlled by PLC, driven by a servo motor pump, resulting in high-pressure oil. The piping system applies force to the cylinder, pushing the lever to produce a stable output force to complete the crimping. The output pressure is controlled by the pressure sensor, which ensures the stability of the system and the consistency of crimping.

| 电源 Power | 功能 Functions | 工作压力 Working Pressure | 适用导线 Wire Size (mm ²) | 最大通孔直径 Max Through-hole Dia (mm) | 尺寸 Dimension (mm) (长x宽x高) |
|-------------|--|-----------------------|-----------------------------------|----------------------------------|---------------------------|
| AC380V/50HZ | 大平方线缆端子压接 Crimping of large size wires & contacts | 最大14MPa Max 14MPa | 35-95 | φ26 | 750x450x1100 |



剖面: Profile



50mm²



70mm²



80mm²

特殊应用四芯轴压接工具

微型麻花针四芯轴压接工具 4-Indent Miniature Twist Pin Crimp Tool



J30J, J29A, J63A系列的麻花针系列被应用于航天、航空、电子等不同领域。它具有高密度、高可靠的特点。四芯轴压接工具在麻花针冷压接中得到了用户的广泛认可和肯定。它具有压块同步运动、压接点360° 圆周分布、压接位置一致，并具有行程锁定装置，保证重复作业高可靠性的压接质量。

J30J, J29A, and J63A series twist pins are widely used in aerospace, aviation, electronics fields with characteristics of high density and high reliability. The 4-indent crimp tool has been widely recognized and affirmed by users in the twist pin crimping. It has the synchronous movement of the indenters, the 360° circular distribution of the impressions, consistent crimping position and also stroke locking device to ensure high reliable crimp quality.

具体应用: Application Details:

| 序号 No. | 型号 Model | 压接型制 Crimp Type | 压接齿痕规格 Indentation Size | 具体详情 Application Details |
|-----------|--------------|------------------------------|----------------------------|---|
| 1 | YJQ-H1Q-J30J | 四芯压接 4-impession Crimping | 1.2x0.3 mm | 应用于J30J系列中针头与套筒、套筒与导线、插孔与导线的压接 Applied to the crimping of pin head and sleeve, sleeve and wire, socket and wire in J30J series |
| 2 | YJQ-H1Q-J63A | | 1.2x0.3 mm | 应用于J63A系列中针头与套筒、套筒与导线、插孔与导线的压接 Applied to the crimping of pin head and sleeve, sleeve and wire, socket and wire in J63A series |
| 3 | YJQ-H1Q-J29A | | 0.6x0.2 mm | 应用于J29A系列中针头与套筒、套筒与导线、插孔与导线的压接 Applied to the crimping of pin head and sleeve, sleeve and wire, socket and wire in J29A series |

Special Application 4-Indent Crimp Tool

微创医疗器械专用压接工具 Minimally Invasive Medical Device Crimp Tool



可靠、安全、卫生一直是微创医疗器械行业中的重要指标。精锐从压接工艺上彻底帮客户改变了传统的加工工艺，由以前的焊接转变成冷压接模式，这一改变，既减小了对员工身体的伤害，也提高了作业环境质量。

这一系列的气动压接工具有自锁装置保证每一次压接都稳定可靠；优质铬钒钢，真空热处理，经久耐用。

Reliability, safety, and hygiene have always been important indicators in the minimally invasive medical industry. JReady has completely changed the traditional crimping process, from the previous welding to the cold crimping. This change not only reduces the physical damage to the workers, but also improves the quality of the working environment.

Self-locking device ensures reliable crimping every time; high-quality chrome vanadium steel, vacuum heat treatment, durable for long time use.

具体应用: Application Details:

| 序号 No. | 型号 Model | 压接型制 Crimp Type | 具体详情 Application Details |
|-----------|-------------------|--------------------------------|---|
| 1 | YJQ-W1Q | 八点压接 8-impession Crimping | 热活检钳、一次使用内窥镜活检取样钳 Hot biopsy forceps, Disposable endoscopic biopsy forceps |
| 2 | YJQ-W1Q-FULL2 | 十二点压接 12-impession Crimping | 一次性使用圈套器 Disposable snare |
| 3 | YJQ-W1Q-FULL3 | 十二点压接 12-impession Crimping | 无菌一次性微波消融针 Disposable sterile microwave ablation needle |
| 4 | YJQ-W1Q-FULL | 十六点压接 16-impession Crimping | 无菌一次性微波消融针 Disposable sterile microwave ablation needle |
| 5 | YJQ-W1Q-JW | 四芯压接 4-impession Crimping | 一次性气道细胞刷、一次使用内窥镜清洁刷 Disposable cell brush, Disposable endoscope cleaning brush |
| 6 | YJQ-H3Q-WE11/WE12 | 十二点压接 12-impession Crimping | 一次性使用圈套器、一次性使用网兜套圈 Disposable snare, Disposable net bag snare |
| 7 | YJQ-MH992-Q | 八点压接 8-impession Crimping | 一次性使用取石网篮 Disposable stone fetching basket |

特殊应用四芯轴压接工具

线簧孔专用压接工具 Wire Spring Socket Crimp Tool



由于线簧孔接触电阻低、插拔力小、接触件磨损低、插拔力寿命长等优点，在连接器中广泛应用，其生产工艺要求逐步提高，四芯轴冷压接的方式也得到市场的肯定。它具有高精度、高对称度、行程锁定装置，保证重复作业的一致性、可靠性的压接质量。

Due to the advantages of low and stable contact resistance, low insertion and extraction force, low contact wear, and long force life of the wire spring socket, it is widely used in connectors. The 4-indent crimping method has also been affirmed by the market. It has high precision, high symmetry, and stroke locking device to ensure the consistency of crimping quality.

具体应用: Application Details:

| 序号 No. | 对应插针直径 Corresponding Pin Diameter (mm) | 线簧孔护套外径 OD of wire spring socket sheath (mm) | 四芯式工具型号 4-indent Crimp Tool | 压痕规格 Indentation Size | 环形压接工具型号 Circular Indent Crimp Tool | 压痕长度 Indentation Length (mm) |
|-----------|--|--|--------------------------------|--------------------------|--|------------------------------------|
| 1 | φ0.6 | φ1.60 | YJQ-X1Q-0.6 | 0.6x1.2 mm | YJQ-XH01Q | 0.8 mm |
| 2 | φ0.8 | φ1.90 | YJQ-X1Q-0.8 | | YJQ-XH05Q | 0.8 mm |
| 3 | φ1.0 | φ2.50 | YJQ-X2Q-1.0 | | YJQ-XH08Q | 0.8 mm |
| 4 | φ1.5 | φ3.20 | YJQ-X2Q-1.5 | | YJQ-XH09Q | 0.8 mm |
| 5 | φ2.0 | φ4.00 | YJQ-X2Q-2.0 | | YJQ-XH12Q | 0.8 mm |
| 6 | φ2.2 | φ4.50 | YJQ-X2Q-2.2 | | YJQ-XH13Q | 0.8 mm |
| 7 | φ3.0 | φ5.00 | YJQ-X2Q-3.0 | 0.8x1.5 mm | YJQ-XH16Q | 0.8 mm |
| 8 | φ3.5 | φ5.60 | YJQ-X2Q-3.5 | | 定制 Customized | 定制 Customized |
| 9 | φ4.5 | φ7.30 | YJQ-X2Q-4.5 | | 定制 Customized | 定制 Customized |

Special Application 4-Indent Crimp Tool

护套专用压接工具 Sheath Crimp Tool



这一系列气动工具应用于航空接触体插孔护套的压接，压接型制有四点压接和环形压接，四个压块同步运动，360° 圆周分布，压点位置统一，并带有行程锁定装置，保证重复作业高可靠性的压接质量。

This series of pneumatic tools are used in the crimping of the aviation sockets and sheath. There are 2 types of crimping style: 4-indent crimping and circular crimping. The 4 indenters move synchronously, distributed in a 360° circle, and the impressions are uniform, it has stroke locking device to ensure the high reliable crimp quality.

具体应用: Application Details:

| 序号 No. | 对应插针直径 Corresponding Pin Diameter (mm) | 线簧孔护套外径 OD of wire spring socket sheath (mm) | 四芯式工具型号 4-indent Crimp Tool | 压痕规格 Indentation Size | 环形压接工具型号 Circular Indent Crimp Tool | 压痕长度 Indentation Length (mm) |
|-----------|--|--|--------------------------------|--------------------------|--|------------------------------------|
| 1 | φ0.77 | φ1.55 | YJQ-H2Q-0.77A | 0.3x0.5 mm | YJQ-HH01Q | 0.60 |
| 2 | φ1.0 | φ1.99 | YJQ-H2Q-1.0A | | YJQ-JYQ1 | 0.45 |
| 3 | φ1.5 | φ2.54 | YJQ-H2Q-1.5A | | YJQ-JYQ3 | 0.50 |
| 4 | φ1.7 | φ2.83 | YJQ-H2Q-1.7A | | YJQ-JYQ5 | 0.65 |
| 5 | φ2.5 | φ4.0 | YJQ-H2Q-2.5A | | YJQ-JYQ4 | 0.60 |

连接器生产加工设备 Connector Processing Equipment



SKQ-HT002插孔收口机

设备功能：电连接器的插孔收口
工作方式：PCL独立控制
外形尺寸：880x650x1155mm
SKQ-HT002 Socket Closing Equipment
Function: the closing of socket in electrical connectors
Working Mode: PCL independent control
Dimensions: 880x650x1155mm



JRQM-02气密检测设备

设备功能：电连接器的气密性检测
工作方式：四工位，PCL独立控制
外形尺寸：2000x800x1034mm
JRQM-02 Connector Air Tightness Testing Equipment
Function: air tightness detection of electrical connectors
Working Mode: four stations, PCL independent control
Dimensions: 2000x800x1034mm



CLJ-02插孔测力机

设备功能：电连接器插孔的测力
工作方式：PCL独立控制，自动送料、测力、筛选
外形尺寸：1400x800x1622mm
CLJ-02 Socket Insertion/Withdrawal Force Testing Equipment
Function: insertion/withdrawal force testing of socket in electrical connector
Working Mode: PCL independent control, automatic material
handling, force measurement, screening
Dimensions: 1400x800x1622mm

连接器生产加工设备

插孔收口设备 Socket Necking-in Machine



设备简介:

插孔收口机用于航空连接器中插孔的收口压接, PLC自动化控制, 手工上料, 机械收口, 自动落料, 一次完成, 操作简单, 方便。更换压模组套, 可实现不同大小、不同形状的圆柱式双开槽插孔的收口。

Equipment Introduction:

Terminal necking-in machine, model SKQ-HT002, used for necking terminals in aviation connectors. PLC automatic control, manual material-loading, mechanical necking, automatic blanking, one-time completion, simple and convenient.

Necking cylindrical double-slot socket for different sizes and shapes by replacing of the die set.



工作原理:

本设备由PLC系统控制, 四个气缸实现动作循环, 手工上料, 快速收口, 自由落料, 通过大容积的储气罐和精密调压阀控制收口模块的气压稳定输出, 并且由精密数显压力表对收口模块的气压监控, 输出气压不稳定时, 设备报警, 从而保证端子收口的一致性。

Working principle:

This equipment is controlled by the PLC system. Cycle of action completed by four cylinders, manual material-loading, fast necking, free blanking. Large volume of the gas tank as well as the pressure regulating valve ensure the stable output of air pressure of necking module. And the digital-display pressure gauge monitors the air pressure. When output pressure is unstable, the device alarms, so as to ensure the consistency of the terminal necking.

| | |
|--------------------|--|
| 电源 Power | AC220V/50HZ |
| 功能 Functions | 电连接器中的二开槽式插孔的半自动化收口 The semi-automatic closing of the two-valve slotted socket in the electrical connectors |
| 产能 Speed | 4-5S一个循环 4-5s / cycle |
| 应用范围 Applied Range | 插孔收口直径最大 $\phi 2.5$ the necking of sockets with max diameters $\phi 2.5$ |
| 气源 Air supply | 5-8kg/cm ² (气源要洁净, 干燥) Dried and clean air source |
| 尺寸 Dimension | 880x650x1155mm |

Connector Processing Equipment

拔插测力设备 Socket Insertion and Withdrawal Force Test Machine



设备简介:

该设备是对已完成收口的端子进行插拔力检测的分选设备。产品根据检测结果分为合格品、插拔力超上限、插拔力超下限。

Equipment Introduction:

This equipment is used to test the insertion and extraction force of necked terminals and then select qualified terminals.

Products are divided into qualified products, products with insertion and extraction force over the upper limit and products with insertion and extraction force below the lower limit based on test results.



| | |
|--------------------|--|
| 电源 Power | AC220V/50HZ |
| 功能 Functions | 收口插孔的插拔力自动检测, 筛选, 分类 Automatic detection, screening and classification of receptacle insertion force for the necked socket. |
| 产能 Speed | 12-14S一个循环 12-14s / cycle |
| 应用范围 Applied Range | 无特殊要求 No special requirement |
| 气源 Air supply | 5-8kg/cm ² (气源要洁净, 干燥) Dried and clean air source |
| 尺寸 Dimension | 1400x800x1622mm |

连接器检测设备 Connector Air Tightness Testing Equipment



设备简介:

本设备是用于电连接器中，连接器的密封性检测设备，含四位，独立控制，通过更换密封橡胶和模具从而适用于不同大小，不同形状的连接器的使用。

Brief Introduction:

This is an air tightness testing equipment used for electrical connectors. The equipment contains four stations and each operates independently.

It can be applied to connectors with different sizes and shapes by changing the sealing rubber and the mold.

功能原理:

本设备由PLC系统控制，实现多工位独立操作。每工位按下启动按钮，完成动作循环，通气计时（设备能够按工艺要求进行保压时间设置，时间设置范围：0-60min，采用SMC精密调压阀检测压力可调，调压范围：0.2-0.6MPa）通过观察水杯气泡判断产品是否合格。

Functional principle:

This equipment realizes independent operation of the multi-position through the PLC procedure control, Press the start button in each station to complete the movement cycle. (The equipment can carry on pressure maintaining time setting according to process requirements. Time Adjustment Range: 0-60min, Using SMC precision pressure regulating valve with adjustable detection pressure. Pressure Adjustment Range: 0.2-0.6MPa) Determine whether the product qualified by observing the water bubbles.

| | |
|--------------------|--|
| 电源 Power | AC220V/50HZ |
| 功能 Functions | 连接器的气密检测 Air tightness testing of electrical connectors |
| 产能 Speed | 3-5S一个循环 3-5s / cycle |
| 气源 Air supply | 5-8kg/cm ² (气源要洁净, 干燥) 5-8kg/cm ² (Dried and clean air source) |
| 应用范围 Applied Range | 连接法兰直径最大Φ100 connectors with max flange diameter Φ100 |
| 尺寸 Dimension | 2000x800x1034mm |

通止规套装 Go-Nogo Gage Kit



通止规的检测步骤:

档位正确校验：压接工具闭合，绿色一端通过，红色一端不通过，则表示档位正确；绿色一端不通过或者红色一端通过，则表示档位不正确。

Go-nogo Gage Instruction:

The validly detection of indenters; Operate the tool to the fully closed position. If the "GO" gage end (Green) can pass freely, but the NO-GO end (Red) can not pass completely, it means the tool is qualified. If the "GO" gage end (Green) can not pass freely, or the NO-GO end (Red) can pass, it means the tool is not qualified.



工具的检测 Tool detection

重要的检测项目是通止规的检测，每个工具都有确定的工作范围，使用一定时间或开始使用以前应使用通止规来检测工具的工作状态是否正确。

Important detection is Gage instruction, each has accurate working range, after using a certain time or before use, please use gage to ensure work status is correct.

| 序号 No. | 套装编号 Tool Kit Model | 通止规型号 Gage Model | 档位号 Selector No. | 通 GO mm/inch | 止 NO GO mm/inch | 适配工具型号 Crimp Tool Model |
|--------|---------------------|------------------|------------------|--------------|-----------------|--|
| 1 | ST5101 | G213 | 1 | 0.33/0.013 | 0.46/0.018 | YJQ-W1A ACT-M101 YJQ-W1Q |
| | | G214 | 2 | 0.41/0.016 | 0.54/0.021 | |
| | | G215 | 3 | 0.48/0.019 | 0.61/0.024 | |
| | | G216 | 4 | 0.56/0.022 | 0.69/0.027 | |
| | | G217 | 5 | 0.66/0.026 | 0.79/0.031 | |
| | | G218 | 6 | 0.76/0.030 | 0.89/0.035 | |
| | | G219 | 7 | 0.86/0.034 | 0.99/0.039 | |
| | | G125 | 8 | 0.99/0.039 | 1.12/0.044 | |
| 2 | ST5128 | G220 | 1 | 0.71/0.028 | 0.84/0.033 | YJQ-W2A YJQ-FT8 YJQ-W2D YJQ-W2J ACT-M201 JRD-AF8 JRD-FT8 JRD-W2D YJQ-W2Q |
| | | G221 | 2 | 0.81/0.032 | 0.94/0.037 | |
| | | G222 | 3 | 0.91/0.036 | 1.04/0.041 | |
| | | G125 | 4 | 0.99/0.039 | 1.12/0.044 | |
| | | G224 | 5 | 1.14/0.045 | 1.27/0.050 | |
| | | G225 | 6 | 1.32/0.052 | 1.45/0.057 | |
| | | G226 | 7 | 1.50/0.059 | 1.63/0.064 | |
| | | G227 | 8 | 1.73/0.068 | 1.86/0.073 | |
| 3 | ST5130 | G228 | 1 | 0.41/0.016 | 0.53/0.021 | YJQ-W7A YJQ-W7Q |
| | | G229 | 2 | 0.48/0.019 | 0.61/0.024 | |
| | | G230 | 3 | 0.56/0.022 | 0.69/0.027 | |
| | | G231 | 4 | 0.64/0.025 | 0.76/0.030 | |
| | | G232 | 5 | 0.74/0.029 | 0.86/0.034 | |
| | | G233 | 6 | 0.84/0.033 | 0.96/0.038 | |
| | | G234 | 7 | 0.94/0.037 | 1.07/0.042 | |
| | | G236 | 8 | 1.04/0.041 | 1.17/0.046 | |

连接器取送工具 Installing & Removal Tool



我们致力服务于电连接器工具的需要，包括各种通针工具和送针工具，例如符合美军标型号，针对HARTING、唯德冷压端子的取送工具，以及客户来样定制。

We are dedicated to serving the needs of connector related tools, including types of removal & installing tools, such as MIL-Standard tools & tools designed for Harting / Wain terminals.

取针器的使用步骤 Removal Tool Instruction:



第一步：准备好工具，找到要取出的端子。

Step 1: Prepare the tool & find the pin to be removed.

第二步：将取针器插入电连接器中，直到底部位置。

Step 2: Insert the removal tool into the electrical connector until it reaches the bottom.

第三步：轻轻推动推块，将端子顶出。

Step 3: Gently push the pin out.

第四步：退出冷压端子。

Step 4: Pin removed.

| 型号 Model | 标准号 Standard number | 套筒管外径 OD of Brace Pipe (mm) | 总长 Total length (mm) | 颜色 Color |
|----------|--|-----------------------------|----------------------|-----------|
| DRK12B | M81969/19-02(REV.B) | φ4.67 (-0.02/-0.04) | 155.5 | 黄色 Yellow |
| DRK16B | M81969/19-01(REV.B) | φ3.46 (-0.02/-0.04) | 155.5 | 蓝色 Blue |
| DRK20B | M81969/19-06(REV.B) | φ2.49 (-0.02/-0.04) | 155.5 | 红色 Red |
| DAK12B | M81969/17-05 | φ4.5 | 120 | 黄色 Yellow |
| DAK16B | M81969/17-04 | φ3.3 | 120 | 蓝色 Blue |
| DAK20B | M81969/17-03 | φ2.72 (+0.05/0) | 120 | 红色 Red |
| DAK145 | / | φ2 ± 0.02 | 126 | 绿色 Green |
| TL08 | HARTING D-sub 通针 5A 送针 HARTING D-sub Removal Tool 5A Pin | φ2.2 ± 0.02 | 78 | 黄色 Yellow |
| TL00 | 唯德HD系列 10A冷压针 Wain HD series 10A Pin | φ3 (0/-0.03) | 127 | 黄色 Yellow |
| TL01G | 唯德HEE系列 16A冷压针 Wain HD series 16A Pin | φ6 (+0.05/0) | 122 | 黑色 Black |
| TLO6G | 唯德HK系列 40A冷压针 Wain HD series 40A Pin | φ6.3 ± 0.02 | 127 | 黑色 Black |

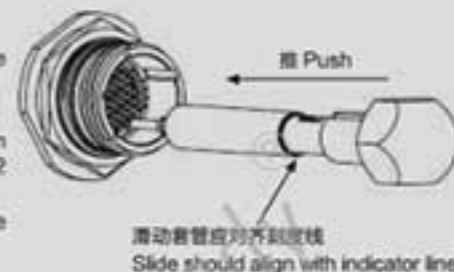
测力器工具 Contact Retention Tool



测力器是一种检测端子在连接器中保留牢固位置的工具。在出厂设置时已经预调到合适的力值，也可根据客户要求进行调整。更换测力器头，使针头或针孔接触端子，向测试仪施加压力，直到指示器到达刻度线。如果端子仍然牢固地保持在连接器内，则连接器是合格的。

Retention Tool is a tool that detects that the contact retains a firm position in the connector. It has been pre-adjusted to the appropriate force value in the factory setting, and can also be factory-pre-adjusted according to customer requirements. Replace the tester pin/socket. Insert pin/socket tester onto the contact in connector. Apply pressure towards contact until slide align with indicator line. When required value is achieved, if contact in connector remain in place, it means the contact installation is qualified.

- 把测力头插入连接器中的端子头部，工具在使用时必须和端子在同一轴线上。
- 本工具在使用时使用者应佩戴防护眼镜。
- 轻轻向前推动测力器并逐渐增加力值以使测力器的滑动套管对准刻度线。然后保持此位置2秒，如果此时端子保持原位不动，则端子保持力合格。
- 每使用2000次应进行力值校验，工具使用完后应放入干燥且洁净的地方。
- 测力头型号适用于M39029系列端子。
- Insert pin tester onto the contact in connector. Tool must be in a straight line with contact.
- Wear protective glasses when using this tool.
- Apply pressure towards contact until slide align with indicator line. When required value is achieved, if contact in connector remain in place for at least 2 seconds, it means the contact installation is qualified, or it is not qualified.
- The force value should be tested every 2000 times, and the tool should be placed in a dry and clean place after use.
- Suitable for M39029 series contacts.



| 序号 No. | 端子型号 Contact Type | 测力器型号 Retention Tool Model | 测力器力值范围 Force Range (N) | 测力头型号 Retention Tester Model | 测力头尺寸 Retention Tester Size | 颜色 Color |
|--------|-------------------|----------------------------|-------------------------|------------------------------|-----------------------------|-----------|
| 1 | 12 P | HT250-5 | 75.0-145.0 | 67-012-01 | φ2.38mm | 黄色 Yellow |
| | 12 S | | | 68-012-01 | φ2.45mm | 蓝色 Blue |
| 2 | 16 P | | | 67-016-01 | φ1.6mm | 蓝色 Blue |
| | 16 S | | | 68-016-01 | φ1.65mm | 蓝色 Blue |
| 3 | 20 P | HT250-4 | 30.0-90.0 | 67-020-01 | φ1.01mm | 红色 Red |
| | 20 S | | | 68-020-01 | φ1.1mm | 红色 Red |
| 4 | 22 P | | | 67-022-01 | φ0.78mm | 棕色 Brown |
| | 22 S | | | 68-022-01 | φ0.85mm | 棕色 Brown |

请正确地使用我们的产品，避免因误用，摔打，意外等对工具造成损伤。如有需要，请到我们的官网下载使用说明书和规格说明书：

Please use our products properly to avoid damage to the tools caused by misuse, beatings, accidents, etc. If necessary, please go to our official website (www.jrready.com) to download the user manual & datasheet;

我们将提供全面的解决方案和技术服务，如果您在使用过程中，遇到任何问题，请联系我们。

售后邮箱：repair@toolboxes.cn

The company provides comprehensive solutions and technical services. If you have any questions during use, please contact us.

Email: repair@toolboxes.cn



美制电线AWG与公制电线截面面积速查表 Section Area Quick Check Table (AWG&MM²)

| AWG | 截面面积 ^(mm²) | AWG | 截面面积 ^(mm²) | AWG | 截面面积 ^(mm²) | AWG | 截面面积 ^(mm²) | AWG | 截面面积 ^(mm²) |
|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|
| 40 | 107.22 | 5 | 16.77 | 13 | 2.627 | 21 | 0.4116 | 29 | 0.0647 |
| 30 | 85.01 | 6 | 13.30 | 14 | 2.075 | 22 | 0.3247 | 30 | 0.0507 |
| 20 | 67.43 | 7 | 10.55 | 15 | 1.646 | 23 | 0.2588 | 31 | 0.0401 |
| 10 | 53.49 | 8 | 8.37 | 16 | 1.318 | 24 | 0.2047 | 32 | 0.0316 |
| 1 | 42.41 | 9 | 6.63 | 17 | 1.026 | 25 | 0.1624 | 33 | 0.0255 |
| 2 | 33.62 | 10 | 5.26 | 18 | 0.8107 | 26 | 0.1282 | 34 | 0.0201 |
| 3 | 26.67 | 11 | 4.17 | 19 | 0.5967 | 27 | 0.1021 | 35 | 0.0169 |
| 4 | 21.15 | 12 | 3.332 | 20 | 0.5189 | 28 | 0.0804 | 36 | 0.0127 |