

# Crimping Tools

## Features

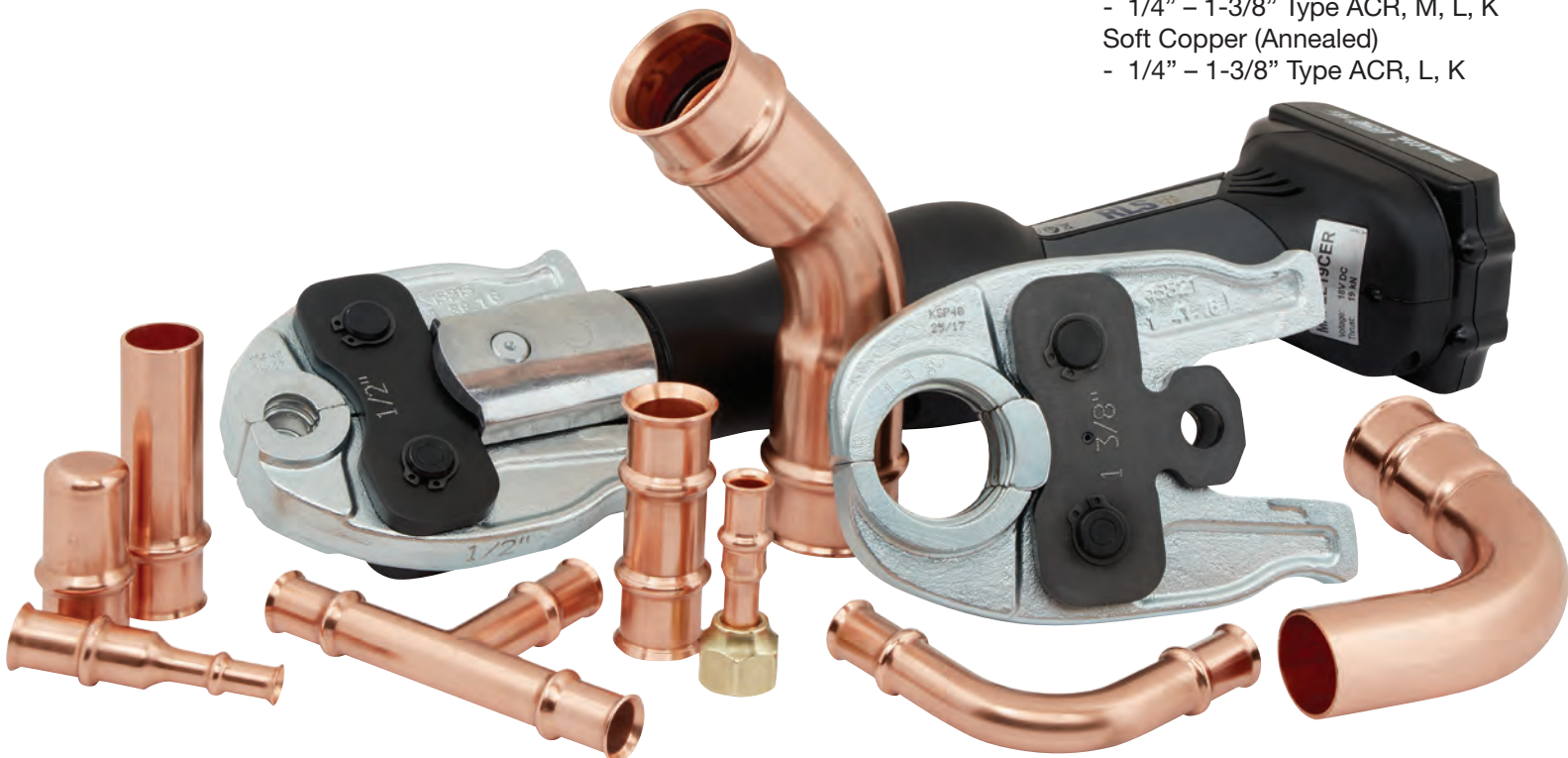
- Lightweight design increases productivity
- Short pressing cycle, 5-7 seconds
- Compact design and 350° jaw rotation allows technician to install in tight spaces
- Automatic piston return
- Safety feature that allows crimp cycle to be interrupted
  - Feature allows manual release of piston, if needed
- High-quality, powerful Makita Li-Ion technology for lasting, battery-powered pressing
  - 100-150 Crimps per charge
  - Short charging time of just 15 minutes (2.0 Ah)
  - Makita batteries and chargers available worldwide
- Tool service indicated via imbedded LEDs, illuminates at 10,000 cycles
- Tool Warranty is 24 months from date of purchase
- Crimp tools are not sold separately



## Klauke® 19 kN

### MODEL MAP2L19

- Available in Tool Kit:
  - 0 Jaw Tool Kit**  
PZK-TK190, P/N 770026
  - 5 Jaw Tool Kit**  
PZK-TK195, P/N 770028;
- For use with KJ Series Jaws
- 8 Jaw Kit & Individual Jaws Sold Separately
- Approved Copper Tubing Types:
  - Hard Copper (Drawn)
    - 1/4" – 1-3/8" Type ACR, M, L, K
  - Soft Copper (Annealed)
    - 1/4" – 1-3/8" Type ACR, L, K



## Tool Kits



### 0 Jaw Tool Kit

Includes a Klauke crimping tool and the tool kit contents, listed at below right.

- **Description:** PZK-TK190
- **Part Number:** 770026
- **Includes Crimping Tool:** Klauke 19 kN MAP2L19

### 5 Jaw Tool Kit

Includes the Klauke crimping tool, 5 jaws, and tool kit contents, listed at below right.

- **Description:** PZK-TK195
- **Part Number:** 770028
- **Jaw Sizes (Inches):** 3/8, 1/2, 5/8, 7/8, 1-1/8
- **Includes Crimping Tool:** Klauke 19 kN MAP2L19

### Replacement Klauke 15 kN Tool Kit

- **Description:** PZK-TK0
- **Part Number:** 770000
- **Includes Crimping Tool:** Klauke 15 kN MAP2LCER

### Replacement Klauke Empty Tool Kit Case

- **Part Number:** 770016

## Jaw Kits



### Klauke 8 Jaw Kits

8 piece Klauke 19 kN jaw kit in hard plastic carrying case.

- **Description:** KJ4-KJ22 Klauke
- **Part Number:** 770239 KJ Series Jaws
- **Jaw Sizes (Inches):** 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8 (5/16 jaw sold separately)
- **Compatible with Klauke Model:** 19 kN MAP2L19

8 piece Klauke 15 kN jaw kit in hard plastic carrying case.

- **Description:** J4-J18 Klauke
- **Part Number:** 770208 J Series Jaws
- **Jaw Sizes (Inches):** 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8
- **Compatible with Klauke Model:** 15 kN MAP2LCER



### RIDGID 8 Jaw Kit

8 piece RIDGID jaw kit in hard plastic carrying case includes tube cutter, deburring tools, crimp gauge, depth gauge, stainless steel brush, abrasive pad, and permanent marker.

- **Description:** RJ4-RJ22 RIDGID
- **Part Number:** 770219 RJ Series Jaws
- **Jaw Sizes (Inches):** 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8 (5/16 jaw sold separately)
- **Compatible with RIDGID Compact Press Tool Models:** RP 240, RP 241, RP 200, RP 210, RP 100 (Sold through RIDGID distributors)

## Klauke Tool Kit Contents

- Klauke Crimping Tool
- Tubing Cutter
- Deburring Tool
- RLS Crimp Gauge
- RLS Depth Gauge
- Stainless Steel Brush
- Abrasive Pad
- Permanent Marker
- Battery Charger
- (2) Lithium-Ion Rechargeable Batteries

# Crimping Tools and Jaw Selection



KJ Series Jaw

Klauke 19 kN  
Crimping Tool  
MAP2L19

RJ Series Jaw

RIDGID Compact  
Press Tools\*  
RP 240, RP 241, RP 200,  
RP 210, RP 100

## APPROVED COPPER TUBING TYPES

Hard Copper (Drawn)

1/4" – 1-3/8" Type ACR, M, L, K

Soft Copper (Annealed)

1/4" – 1-3/8" Type ACR, L, K

## FEATURES

<b>Crimping Force</b>	19 kN	24 kN
<b>Minimum Crimp Pressure</b>	525 bar / 7,613 psi	Sold through RIDGID distributors
<b>Number of Crimps</b>	2.0 Ah approx. 150 (for NS20)	
<b>Battery Capacity</b>	18V / 2.0 Ah Li-Ion Makita (BL1820B)	
<b>Charging Time</b>	15 minutes	
<b>Operating Temp. Range</b>	14°F to 104°F (-10°C to 40°C)	
<b>Jaw Holder</b>	Swivels through 350°	
<b>Weight with Battery</b>	1.8 kg (4.0 lb.)	
<b>Without Jaw</b>	3.1 kg (6.8 lb)	
<b>Dimensions</b>	395 x 80 x 118 mm	
<b>Diagnostics</b>		
PGA 1 Compatible	X	
i-press Software Compatible	X	
<b>Tool Warranty</b>	24 months from date of purchase	

## TOOL KITS / PART NUMBER

<b>0 JAW TOOL KITS</b>	PZK-TK190 770026	—
<b>5 JAW TOOL KITS</b>	PZK-TK195 770028 3/8, 1/2, 5/8, 7/8, 1-1/8	—

\* Sold through RIDGID distributors.

# Crimping Tools and Jaw Selection



**Replacement J Series Jaw**  
Compatible with Klauke  
15kN Crimping Tool  
MAP2LCER



**KJ Series Jaw**



**Klauke 19 kN  
Crimping Tool  
MAP2L19**



**RJ Series Jaw**



**RIDGID Compact  
Press Tools\***  
RP 240, RP 241, RP 200,  
RP 210, RP 100

JAW KITS / PART NUMBER			
8 PIECE JAW KITS	J4-J18 770208 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8	KJ4-KJ22 770239 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8	RJ4-RJ22 770219 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8
JAW CASE (EMPTY)	770240 (8 empty slots)		770220 (9 empty slots)
INDIVIDUAL JAWS/ PART NUMBER			
1/4"	PZK-J4 770200	PZK-KJ4 770230	PZK-RJ4 770210
5/16"	PZK-J5 770201	PZK-KJ5 770231	PZK-RJ5 770211
3/8"	PZK-J6 770202	PZK-KJ6 770232	PZK-RJ6 770212
1/2"	PZK-J8 770203	PZK-KJ8 770233	PZK-RJ8 770213
5/8"	PZK-J10 770204	PZK-KJ10 770234	PZK-RJ10 770214
3/4"	PZK-J12 770205	PZK-KJ12 770235	PZK-RJ12 770215
7/8"	PZK-J14 770206	PZK-KJ14 770236	PZK-RJ14 770216
1"	—	PZK-KJ16 770241	—
1-1/8"	PZK-J18 770207	PZK-KJ18 770237	PZK-RJ18 770217
1-3/8"	—	PZK-KJ22 770238	PZK-RJ22 770218

\* Sold through RIDGID distributors.

# Replacement Parts and Accessories



## Tubing Cutter

ZoomLock approved tubing cutter.

- **Description:** 1/4" to 1-1/8" Capacity Tubing Cutter
- **Part Number:** 770006



## Deburring Tool

ZoomLock approved deburring tool.

- **Description:** 1/4" to 1-3/8" Capacity Tube Deburring Tool
- **Part Number:** 770007



## RLS Crimp Gauge

Confirms the measurement of the finished crimp band diameter.

- **Description:** PZK-GNG1
- **Part Number:** 770005



## Depth Gauge

Plastic depth gauge confirms the proper insertion depth of the tubing.

- **Description:** PZK-IDGP
- **Part Number:** 770015



## Diagnostic Tool

Adaptor tool for crimping tool diagnostics. Easily connect to PC via USB-Interface. Provides statistical evaluation of average crimping process of tool. Free downloading of Software "iPress" via [www.klauke.com](http://www.klauke.com).

- **Description:** PGA1
- **Part Number:** 770008
- **Compatible with:**  
Klauke MAP2LCER  
Klauke MAP2L19

