RENNSTEIG TOOLS

Designed for You, Engineered to Last.

#1 Tool Brand for
Solar Professionals

When it's a RENNSTEIG,
YOU can feel it.

We as Rennsteig Tools, Inc. are so grateful for the pleasure of serving thousands of satisfied customers. We hope to have the pleasure of doing business with you in the future.

Regards,
The Rennsteig Tools, Inc. - Team

Crimp System Tools

When you buy this tool you will receive a complete tool with an installed Die Set and Locator. So you are ready to crimp right away.

The Rennsteig Solar Crimp System is unique in the industry. We offer the option (different Crimp Die Sets) to crimp all common terminals/contacts on the solar market today. Because of interchangeable die sets, you won't need to buy more than one crimp tool. You can just get an additional die set to fit your existing crimp tool. In addition to our standard Crimp System Tool frame the Die Sets will also fit into the following available products.

Hand Tool	Electromechanical Driven Tool	Manual Press	Pneumatic Crimping Machine

Single Components

You already own a RENNSTEIG Crimp System Tool? Here you will find additional Die Sets and Locators which fit into your (existing) tool.

Complete Preassembled Cases

You need to work with different kind of connectors? With these cases you do not need to carry several single tools. In this category you will find heavy duty carrying cases in different configurations.

Cable Cutters and Stripping Tools

Here you will find special designed cable cutters and wire stripper.

Assembly Tools/Accessories

In this section you will find other helpful tools to do your job faster, better and easier.

Crimp System Tool

This crimp tool is recommended for crimping solar contacts. The excellent handling, easy exchange of the crimping die sets and the option of adding a positioning aid are features in favor of these crimping pliers.

> High-precision ratchet mechanism for complete crimps
> 1.2 metric tons pressure at crimping face, with minimal hand effort
> **Interchangeable high-precision Crimping Die Sets**
> Parallel jaws for even crimps
> Interchangeable Locators for precise positioning of terminals
> Well balanced, approx. 1.5 lbs.
> Compact build, 8" long
> Made in Germany - made by Rennsteig

Double-plated ratchet gear extends tool live

Easy grip even when fully open

Parallel crimping

Two component ergonomic handles

Locator
(for the correct positioning of the specific contact)

Interchangeable Crimp Dies

Solid construction

Ratchet action inside

Emergency Release
(if jam occurs)

Crimp System Tool have passed the UL rtification Tests with Hosiden and Amphenol contacts.

PATENTED
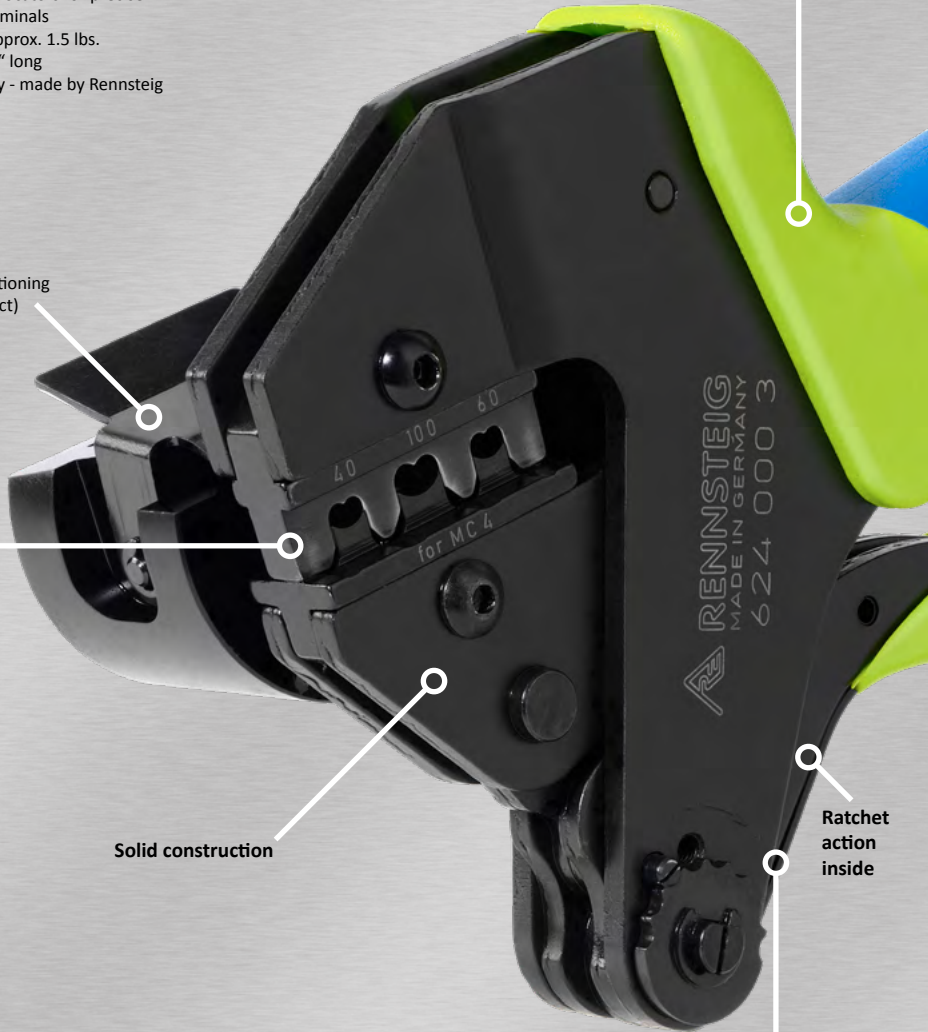
eForce®
Battery Powered Crimping Tool

Part#	6370 0300 1 RT	6370 0300 1-2 RT
Content:	> 1x *eForce*® Battery Powered Crimping Tool > 1x Battery Charger (CLi 12) > **One** Li-Ion Batteries (Milwaukee M12) included > Space for Die Sets* and Locators provided	> 1x *eForce*® Battery Powered Crimping Tool > 1x Battery Charger (CLi 12) > **Two** Li-Ion Batteries (Milwaukee M12) included > Space for Die Sets* and Locators provided

1 Takes all existing interchangeable crimp Die Sets and Locators (more than 1000) from Rennsteig's Crimp System Tool (P/N 624 000 3 RT)

2 Ergonomically designed handle with soft grip, provides comfort and increases control

3 Removable battery (12v Li-Ion) eliminates downtime due to recharging

4 Drop protection ring

5 Reset button, Emergency release

6 Convenient to use and has a level, steady base for bench top production

7 Compact work area

Tool comes in portable plastic case with storage space.

Ergonomic working height when used for bench top production.

Powerful electromechanical drive mechanism. No accident-sensitive hydraulic components.

Start Button with integrated multifunction LED-Display for indication of:
- Function standby
- Remaining battery capacity
- Overloading

Application	Hand Tool	Die Set	Locator

		Hand Tool	Die Set	Locator
For Staubli MC4™	P/N	624 570 3 1 RT	624 570 3 0 RT	624 570 0 01 RT
	Finish	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Die Set only	Locator only
	Capacity	AWG 14/12/10 | 2.5 / 4 / 6 SQ-MM		

Application	**For Staubli MC4™**	PV-SP4/2.5, PV-BP4/2.5, PV-SP4/6, PV-BP4/6 PV-KBT4/2,5I-UR (2.5 SQ-MM | 14 AWG) — PV-KST4/2,5I-UR (2.5 SQ-MM | 14 AWG) PV-KBT4/2,5II-UR (2.5 SQ-MM | 14 AWG) — PV-KST4/2,5II-UR (2.5 SQ-MM |14 AWG) PV-KBT4/2,5X-UR (2.5 SQ-MM | 14 AWG) — PV-KST4/2,5X-UR (2.5 SQ-MM | 14 AWG) PV-KBT4/6I-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6I-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4/6X-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6X-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4/6II-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6II-UR (4/6 SQ-MM | 12/10 AWG)
	For Tlian	T4-PC-1/T4-PPE-1 T4-MFC = T4 Male and Female Contact (-)/(+) T4-FSC = T4 Female Socket Contact (+) In a Roll T4-MPC = T4 Male Pin Contact (-) In a Roll
	For Twinsel	PV-SY02M/PV-SY02F
	For Leoni	LSC-R1
	For BizLink	S418-F1A/S418-F2A
	For Solarlok™ PV4-S	2270251, 2270226, 2270253, 2270252
	For Enphase	Q-CONN-10M Q-CONN-10F

Application	Hand Tool	Die Set	Locator

		Hand Tool	Die Set	Locator
For Staubli MC4™	P/N	624 1193 3 1 RT	624 1193 3 0 RT	624 1193 0 01 RT
	Finish	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Die Set only	Locator only
	Capacity	AWG 12/10/8 | 4 / 6 / 10 SQ-MM		
	Application — **For Staubli MC4™**	PV-SP4/6, PV-BP4/6, PV-SP4/10, PV-BP4/10 PV-KBT4/6I-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6I-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4/6X-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6X-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4/6II-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6II-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4/10II (10 SQ-MM | 8 AWG) — PV-KST4/10II (10 SQ-MM | 8 AWG)		

Application	Hand Tool		Die Set	Locator	
					For Staubli MC4™
P/N	624 1301 3 1 RT	624 1301 3 RT	624 1301 3 0 RT	624 1301 0 01 RT	
Finish	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set)	Die Set only	Locator only	
Capacity	AWG 12/10/8 | 4 / 6 / 10 SQ-MM				
Application **For Staubli MC4™**	PV-SP4/6, PV-BP4/6 PV-KBT4/6I-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6I-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4/6X-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6X-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4/6II-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4/6II-UR (4/6 SQ-MM | 12/10 AWG) PV-SP4/8, PV-BP4/8 PV-KBT4/8II-UR (10 SQ-MM | 8 AWG) — PV-KST4/8II-UR (10 SQ-MM | 8 AWG)				

Application	Hand Tool		Die Set	Locator	
					For Staubli MC4™
P/N	624 1715 3 1 RT	624 1715 3 RT	624 1715 3 0 RT	624 1715 0 01 RT	
Finish	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set)	Die Set only	Locator only	
Capacity	AWG 14/12/10/8 | 2.5 / 4 / 6 / 10 SQ-MM				
Application **For Staubli MC4™**	PV-BP4/8 Sn (socket), PV-SP4/8 Sn (plug) — (10 SQ-MM | 8 AWG) PV-BP4/5 Sn (socket), PV-SP4/5 Sn (plug) — (2.5/4/6 SQ-MM | 14/12/10 AWG) PV-KBT4/5...-UR (2.5/4/6 SQ-MM | 14/12/10 AWG) PV-KBT4/8II-UR (10 SQ-MM | 8 AWG) PV-KST4/5...-UR (2.5/4/6 SQ-MM | 14/12/10 AWG) PV-KST4/8II-UR (10 SQ-MM | 8 AWG)				

Application	Hand Tool	Die Set	Locator	
				For Staubli MC4™-EVO 2
P/N	625 51332 3 1 RT	625 51332 3 0 RT	625 51332 0 01 RT	
Finish	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Die Set only *Can only be used with 625 50000 3 RT or Crimping Machine CM 25-1 & CM 25-5	Locator only *Can only be used with 625 50000 3 RT or Crimping Machine CM 25-1 & CM 25-5	
Capacity	AWG 12/10/8 | 4 / 6 / 10 SQ-MM			
Application **For Staubli MC4-EVO 2™**	PV-SP4-EVO 2/6, PV-BP4-EVO 2/6, PV-SP4-EVO 2/10, PV-BP4-EVO 2/10 PV-KBT4-EVO 2/6I-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4-EVO 2/6I-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4-EVO 2/6II-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4-EVO 2/6II-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4-EVO 2/6III-UR (4/6 SQ-MM | 12/10 AWG) — PV-KST4-EVO 2/6III-UR (4/6 SQ-MM | 12/10 AWG) PV-KBT4-EVO 2/10III-UR (10 SQ-MM | 8 AWG) — PV-KST4-EVO 2/10III-UR (10 SQ-MM | 8 AWG)			

*Terminal images are for illustrative purposes only and may differ from the actual product.

	Application	Hand Tool	Die Set	Locator
For Amphenol H4 Plus S&F / UTX™ S&F				
P/N		**625 1364 3 1 RT**	**625 1364 3 0 RT**	**625 1364 0 01 RT**
Similar to		UTXTC0003	UTXTD0003	UTXTP0002
Finish		Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Die Set only	Locator only
Capacity		AWG 12/10/8 | 4 / 6 / 10 SQ-MM		
Application	**For Amphenol H4 Plus S&F** *(former UTX™ S&F)* **(stamped and formed contact)**	UTXCF A…, UTXCM A…, UTXMF A…, UTXMM A…, UTXNF A…, UTXNM A…, Contact: UTXFF / UTXFM H4SF…S / H4SM…S		

	Application	Hand Tool		Die Set	Locator
For Amphenol UTX™-C&F / H4 Plus CF / H4 CF					
P/N		**624 1384 3 11 RT**	**624 1384 3 RT**	**624 1384 3 0 RT**	**624 1384 0 011 RT**
Similar to		UTXTC0004	-	UTXTD0005	UTXTP0004
Finish		Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set)	Die Set only	Locator only
Capacity		AWG 12/10/8 | 4 / 6 / 10 SQ-MM			
Application	**For Amphenol H4 Plus CF** *(former UTX™-C&F)* **(machined/cold formed contact)**	UTXCFL… / UTXCML… UTXCFB/UTXCMB/UTXMFB/UTXMMB/UTXNFB/UTXNMB H4SF…. / H4SM….			
	For Amphenol H4 CF (machined/cold formed contact)	H4CM….. / H4CF…..			

All top-quality Rennsteig Crimp Die Sets and Locators can be used in the Rennsteig Crimp System Tools Family.

P/N 624 000 3 RT	P/N 6370 0300 1 RT	P/N 636 000 1	P/N 636 025-1 RT P/N 636 025-5 RT

Application	Hand Tool		Die Set	Locator	
					For Amphenol H4 CF
P/N	**624 1194 3 1 RT**	**624 1194 3 RT**	**624 1194 3 0 RT**	**624 1194 0 01 RT**	
Similar to	H4TC0001	-	H4TD0001	UTXTP0004	
Finish	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set)	Die Set only	Locator only	
Capacity	AWG 12/10/8 | 4 / 6 / 10 SQ-MM				
Application	**For Amphenol H4 CF** (machined/ cold formed contact)	H4CM..... H4CF.....			

Application	Hand Tool	Die Set	Locator	
				For Amphenol H4 S&F
P/N	**624 1175 3 1 RT**	**624 1175 3 0 RT**	**624 1175 0 01 RT**	
Similar to	H4TC0004	UTXTD0003	H4TP0002	
Finish	Crimp System Tool (1x Tool Frame with 1x Crimping Die Set, 1x Locator)	Die Set only	Locator only	
Capacity	AWG 14/12/10 | 2.5 / 4 / 6 SQ-MM			
Application	**For Amphenol H4 S&F**	H4CF....S / H4CM....S / H4LF....S / H4LM....S Contact: H4FF / H4FM		

Application	Wire Gauge	Part#	Description	Terminal*	
Wieland (Gesis Solar)	12/10/8	624 073-1 3 RT	Tool w/ Die Set		**Other Applications**
		624 073-1 3 16 RT	Tool w/ Die Set + Locator		
		624 073-1 3 0 RT	Die Set only		
		624 071 0 016 RT	Locator only		
TE (Solarlok™)	16/14/12/10	624 817 3 RT	Tool w/ Die Set		
		624 817 3 1 RT	Tool w/ Die Set + Locator		
		624 817 3 0 RT	Die Set only		
		624 817 0 01 RT	Locator only		

*Terminal images are for illustrative purposes only and may differ from the actual product.

	Application	Wire Gauge	Part#	Description	Terminal*
Other Applications	**TE** (Solarlok™ PV4)	12/10	624 969 3 1 RT	Tool w/ Die Set + Locator	
			624 969 3 0 RT	Die Set only	
			624 969 0 01 RT	Locator only	
	BizLink/SunBolt	6/8	624 1170 3 RT	Tool w/ Die Set	
			624 1170 3 1 RT	Tool w/ Die Set + Locator	
			624 1170 3 0 RT	Die Set only	
			624 1170 0 01 RT	Locator only	
		10	624 1171 3 1 RT	Tool w/ Die Set + Locator	
			624 1171 3 0 RT	Die Set only	
			624 1171 0 01 RT	Locator only	
		12	624 1300 3 1 RT	Tool w/ Die Set + Locator	
			624 1300 3 0 RT	Die Set only	
			624 1300 0 01 RT	Locator only	
	TongLin (BIG-MB2 / BIG-FB2, BIG-MB4 / BIG-FB4, BIG-MB6 / BIG-FB6, BIG-MB8 / BIG-FB8)	14/12/10/8	624 1472 3 RT	Tool w/ Die Set	
			624 1472 3 1 RT	Tool w/ Die Set + Locator	
			624 1472 3 0 RT	Die Set only	
			624 1472 0 01 RT	Locator only	
	Tonglin (BIG-MB5 / BIG-FB5)	12/10	624 1709 3 RT	Tool w/ Die Set	
			624 1709 3 1 RT	Tool w/ Die Set + Locator	
			624 1709 3 0 RT	Die Set only	
			624 1709 0 01 RT	Locator only	
	Tonglin (BIG-MA2 / BIG-FA2, BIG-MA4 / BIG-FA4)	14/12/10	624 1474 3 1 RT	Tool w/ Die Set + Locator	
			624 1474 3 0 RT	Die Set only	
			624 1474 0 01 RT	Locator only	
	Staubli **MC3™**	14/12/10	624 194 3 RT	Tool w/ Die Set	
			624 194 3 1 RT	Tool w/ Die Set + Locator	
			624 194 3 0 RT	Die Set only	
			624 194 0 01 RT	Locator only	
		12/10/8	624 348 3 RT	Tool w/ Die Set	
			624 348 3 1 RT	Tool w/ Die Set + Locator	
			624 348 3 0 RT	Die Set only	
			624 348 0 01 RT	Locator only	

TOOLS FOR OTHER TERMINALS ON REQUEST (E.G. KOSTAL, SMK, YUKITA, HUBER+SUHNER,...).

* Terminal images are for illustrative purposes only and may differ from the actual product.

Single components:
All of our Crimping Die Sets & Locators will fit into our Crimp System Tools

Interchangeable Crimping Die Sets:
Each type and size of terminal needs its own crimp. Just squeezing isn't enough - you have to get exactly the right dimension crimp, if you want a good connection that provides good conductivity year after year under all conditions.
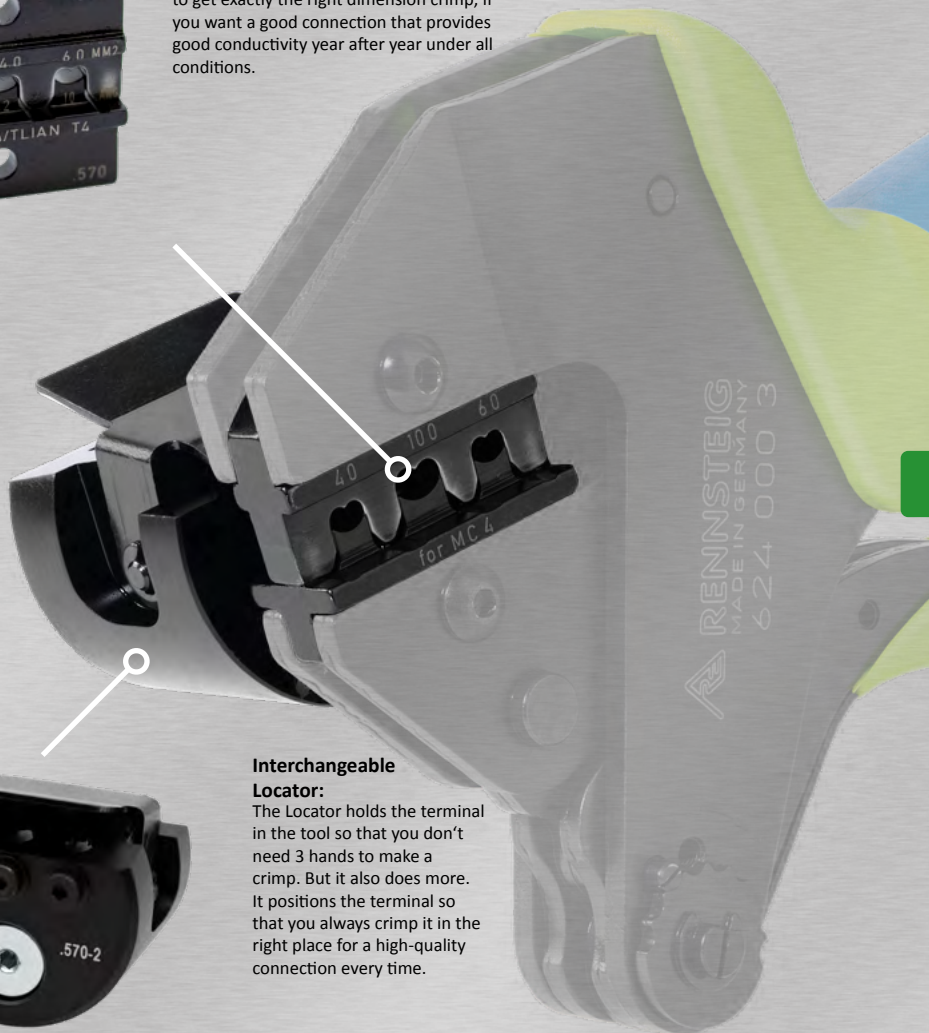
Interchangeable Locator:
The Locator holds the terminal in the tool so that you don't need 3 hands to make a crimp. But it also does more. It positions the terminal so that you always crimp it in the right place for a high-quality connection every time.

CSC Multifunction Tool

No more carrying around 3 different tools, when all you really want to do is make a connection. "CSC" stands for Cut - Strip - Crimp, and that's what this tool does. Unique in the industry!

> For cutting, stripping and crimping of solar contacts with just one tool
> Includes Die Set
> Applicable for other wire sizes and connector types
> Black-Oxide finish, solid construction, easy to handle
> Made in Germany - made by Rennsteig

3 TOOLS-IN-ONE

Stripping Area
(Round Blades, no wire damage)

Crimping Area
(Specially designed)

Cutting Area
(Special Blade Design)

RENNSTEIG
MADE IN GERMANY
624 000 3

for MC 4   6.0

Crimp System Tool have passed the UL Certification Tests with Hosiden and Amphenol contacts.

PATENTED

Application	Wire Gauge	Part#	Description	Terminal*
Staubli **MC4™** **Tlian** (T4-PC-1/T4-PPE-1) **Twinsel** (PV-SY02M/PV-SY02F) **Jinko** (PV-JK03M) **Leoni** (LSC-R1) **TE** Solarlok™ PV4-S	12 (similar to 4 mm2)	624 004 3 RT	Tool with Die Set	
		624 004 3 1 RT	Tool with Die Set+Locator	
		624 004 3 0 RT	Die Set only	
		624 004 0 01 RT	Locator only	
	10 (similar to 6 mm2)	624 006 3 RT	Tool with Die Set	
		624 006 3 1 RT	Tool with Die Set+Locator	
		624 006 3 0 RT	Die Set only	
		624 006 0 01 RT	Locator only	
Amphenol **H4** CF (machined contacts)	12 (similar to 4 mm2)	624 1184 3 RT	Tool with Die Set	
		624 1184 3 1 RT	Tool with Die Set+Locator	
		624 1184 3 0 RT	Die Set only	
		624 1184 0 01 RT	Locator only	
	10 (similar to 6 mm2)	624 1185 3 RT	Tool with Die Set	
		624 1185 3 1 RT	Tool with Die Set+Locator	
		624 1185 3 0 RT	Die Set only	
		624 1185 0 01 RT	Locator only	
Wieland (Gesis Solar)	12 (similar to 4 mm2)	624 1197 3 RT	Tool with Die Set	
		624 1197 3 1 RT	Tool with Die Set+Locator	
		624 1197 3 0 RT	Die Set only	
		624 1197 0 01 RT	Locator only	
	10 (similar to 6 mm2)	624 1196 3 RT	Tool with Die Set	
		624 1196 3 1 RT	Tool with Die Set+Locator	
		624 1196 3 0 RT	Die Set only	
		624 1196 0 01 RT	Locator only	
LAPP **Epic** Solar 4	12 (similar to 4 mm2)	624 004-L 3 RT	Tool with Die Set	
		624 004-L 3 1 RT	Tool with Die Set+Locator	
		624 004-L 3 0 RT	Die Set only	
		624 004-L 0 01 RT	Locator only	
	10 (similar to 6 mm2)	624 006-L 3 RT	Tool with Die Set	
		624 006-L 3 1 RT	Tool with Die Set+Locator	
		624 006-L 3 0 RT	Die Set only	
		624 006-L 0 01 RT	Locator only	

Cutting	Stripping	Crimping

At Rennsteig, we stay on top of the market. When new connectors come out and gain ground, you can be sure we'll make die sets for them. What does this mean? It means you don't have to invest in a whole new crimp tool. You can just get an additional die set to fit your existing crimp tool, and you're ready to install the latest gear.

* Terminal images are for illustrative purposes only and may differ from the actual product.

Page 13

Solar Crimp Sets (preassembled)
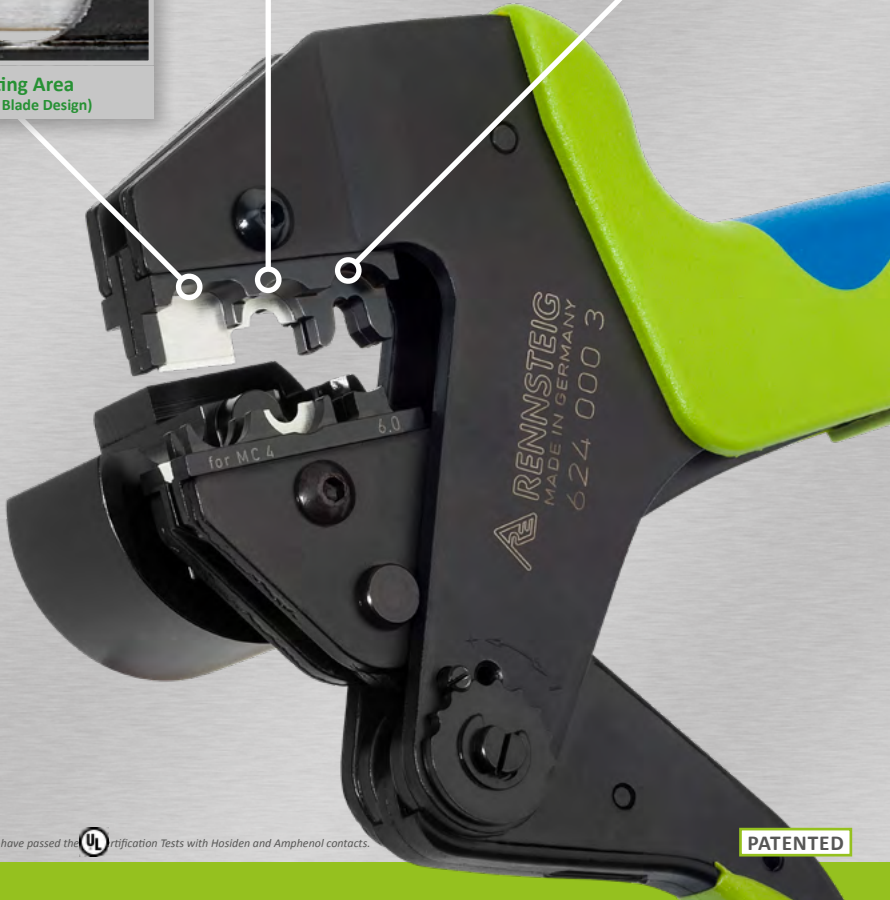
This professional set has everything you need to make solar wire connections. All components are high-quality Rennsteig tools designed Made in Germany and specially for the solar industry.

Protective case
3 ¼" Height,
13 ½" Length,
10 ¾" Width

Free space for MC4™ Assembly Keys

Crimp System Tool

Storage space for up to 5 Locators

Storage space for up to 5 Die Sets

Additional storage space

Application	Wire Gauge	Part#	Description	Terminal*
Amphenol **H4** CF (machined contacts) Staubli **MC4™** **Tlian** (T4-PC-1/T4-PPE-1) **Twinsel** (PV-SY02M/PV-SY02F) **Jinko** (PV-JK03M) **Leoni** (LSC-R1) **BizLink** (S418-F1A/S418-F2A) **TE** Solarlok™ PV4-S **TE** (Solarlok™)	H4 - 14/12/10/8 MC4™ - 14/12/10 TE - 16/14/12/10	624 105-40 RT	Crimp Tool H4-Die Set, H4-Locator MC4™-Die Set, MC4™-Locator Tyco-Die Set, Tyco-Locator Spare Parts	
Staubli **MC4™** **Tlian** (T4-PC-1/T4-PPE-1) **Twinsel** (PV-SY02M/PV-SY02F) **Jinko** (PV-JK03M) **Leoni** (LSC-R1) **BizLink** (S418-F1A/S418-F2A) **TE** Solarlok™ PV4-S Amphenol **H4** CF (machined contacts)	MC4™ - 12/10 (stamped&-formed) MC4™ - 8 (solid/machined) H4 - 14/12/10/8	624 105-51 RT	Crimp Tool MC4™-Die Set, MC4™-Locator H4-Die Set, H4-Locator, Spare Parts	

Professional Solar Wiring/Crimping Kits (preassembled)

Save money...by fabricating your own PV wires. This professional kit has everything you need for making solar wire connections, from cutting - stripping - crimping. All components are top-quality Rennsteig tools designed and made in Germany specially for the solar industry.

Every Kit includes:
> Crimping Die Sets
> Locators (for correct positioning of the terminal)
> Insulation stripper
> Cable cutter
> Different spare parts
> Made in Germany - made by Rennsteig

MUST HAVE FOR INSTALLERS

Free space for MC4™ Assembly Keys

Crimp System Tool

Additional Space for Crimp Die Sets (interchangeabele)

Insulation Stripper

Protective case
3 ¼" Height,
13 ½" Length,
10 ¾" Width

Additional Space for Locator (interchangeabele)

Cable Cutter

Application	Wire Gauge	Part#	Description	Terminal*
Amphenol **H4** CF (machined contacts) Staubli **MC4™** **Tlian** (T4-PC-1/T4-PPE-1) **Twinsel** (PV-SY02M/PV-SY02F) **Jinko** (PV-JK03M) **Leoni** (LSC-R1) **BizLink** (S418-F1A/S418-F2A) **TE** Solarlok™ PV4-S **TE** (Solarlok™)	H4 - 14/12/10/8 MC4™ - 14/12/10 TE - 16/14/12/10	624 105-32 RT	Crimp Tool H4-Die Set, H4-Locator MC4™-Die Set, MC4™-Locator Tyco-Die Set, Tyco-Locator, Insulation Stripper, Cable Cutter RG, Spare Parts	
Staubli **MC4™** **Tlian** (T4-PC-1/T4-PPE-1) **Twinsel** (PV-SY02M/PV-SY02F) **Jinko** (PV-JK03M) **Leoni** (LSC-R1) **BizLink** (S418-F1A/S418-F2A) **TE** Solarlok™ PV4-S Amphenol **H4** CF (machined contacts)	MC4™ - 12/10 (stamped&-formed) MC4™ - 8 (solid/machined) H4 - 14/12/10/8	624 105-52 RT	Crimp Tool MC4™-Die Set, MC4™-Locator H4-Die Set, H4-Locator, Insulation Stripper, Cable Cutter RG, Spare Parts	

* Terminal images are for illustrative purposes only and may differ from the actual product.

Solar wire insulation stripper

Unlike other strippers, that only cut insulation partially and tear the rest, this Rennsteig stripper cuts the insulation around the entire circumference of the wire, and then pulls it gently off the end. There is never any damage to the leads.

Replaceable stripping blades let you configure the stripper to your needs. When the blades wear out, you can replace them without buying a new stripper - for significant savings.

> For two-stage stripping action
> Specialized tool with length stop, for precise stripping and dismantling of single and multi-strand cables
> No pinching or deformation of cable ends
> Interchangable blades for different wire gauges
> Custom blade design upon request
> Black-Oxide finish, ergonomically designed two-component handles
> Solid construction, easy to handle
> Made in Germany - made by Rennsteig

Precise cutting of the insulation to a complete extent.

Positive stripping thanks to precise shape of the blades.

Automatic stripping of the insulation.

Length scale

Adjustable Length Stop

Interchangeable Stripping Blades

Dual component comfort grip handles

PATENTED

Adjustable length stop with scale

**4-piece interchangeable blade set,
Precision mechanism of hardened spring steel,
tough and long lasting**

Application	Maximum Wire Cross Section	Part#	Blade
Tool for metric solar cable	1.5/2.5/4/6 mm2 (similar to AWG 16/14/12/10)	708 226 3 RT	
Tool for AWG solar cable	AWG 16/14/12/10	708 226-1 6 RT	
Tool for metric solar cable	4/6/10 mm2 (similar to AWG 12/10/8)	708 269 3 RT	
Tool for metric solar cable	4 mm2 (similar to AWG 12)	708 269-1 3 RT	
Tool for metric solar cable	6 mm2 (similar to AWG 10)	708 269-2 3 RT	
Tool for metric solar cable	10 mm2 (similar to AWG 8)	708 269-3 3 RT	

Two pairs of blades (1) cut the insulation to a complete extent. Then the blade pairs move apart, and thus the insulation is removed form-fit (2). The pliers opens automatically after the stripping procedure.
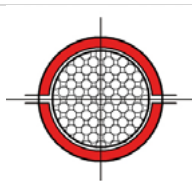
The shaped blades cuts the insulation completely. (The red area will be cut, no damaging of the cable strands)

Already now more than 250 different stripping blades available! Custom blade design upon request.

Cable Cutter

This specially-designed Rennsteig Cable Cutter gives you clean, straight, burr-free cuts, with no wire end deformation. Wires stay round, so they fit better and more securely into terminals. The ergonomic form factor makes your job easier, too.

> Perfect for cutting almost all cables (*Not for steel wire or hard-drawn copper cables)
> Plastic coated handles
> Easy, clean, one hand cuts
> Sharp, hardened, precision-ground blades
> No crushing or deformation of cables
> Material: special tool steel, forged
> Made in Germany - made by Rennsteig

Ergonomic grips

Spring loaded
(opening spring inside the tool)

Precision ground blades

Safety lock

Tool name	Maximum Wire Cross Section	Part#	Finish	Picture
Cable Cutter	50 mm2 (similar to AWG 1/0)	700 015 3 RT	Black-Oxide, plastic coated	
Cable Cutter RG	50 mm2 (similar to AWG 1/0)	700 015 36 RT	Black-Oxide, reinforced plastic grips	
Cable Cutter OS	50 mm2 (similar to AWG 1/0)	700 016 3 RT	Black-Oxide, spring loaded, plastic coated	
Cable Cutter RGO	50 mm2 (similar to AWG 1/0)	700 016 36 RT	Black-Oxide, spring loaded, reinforced plastic grips	
Cable Shears D27	150 mm2 (similar to AWG 5/0)	700 027 2 RT	Black-Oxide, bright ground blades	

Cable Tie Removal Tool

This tool is especially designed for opening the heads of cable ties without harming bundled items.

> Light weight
> Recommended by the aircraft industry
> Wire tie "capture" cutting design, prevents wire tie head from ejecting into sensitive equipment
> For areas with limited space
> Spring loaded
> Designed for Maintenance and Repair

Tool name	Capacity	Part#	Finish
Cable Tie Removal Tool	Works great with all cable tie strap widths.	8007 5004 6 RT	Two-component handles

Assembly Key for MC4™ couplers

This absolutely ergonomic PVC open end spanner is for tightening and loosening of the cable gland. You can use this key also for breaking connections (open the locking) after they have already been locked together.
To tighten the cable gland, we recommend using two assembly keys.
The Key comes in green.

3
TOOLS-IN-ONE

Assembly Key for MC4™ couplers (Set of 2)	Part# 690 001 RT

Ferrule Processing Sets

These Ferrule Processing Sets comes with a large assortment (800 pcs) of end-sleeves with a Rennsteig automatic self-adjusting Stripping Tool "MultiStrip® 16" and Ferrule Crimping Tool.

P/N		Content	Picture
610 921		1x 610 185 3 Crimp Capacity: 28 - 6 AWG | 0.08 - 16 SQ-MM	
		1x 707 040 RT Stripping Capacity: 28 - 6 AWG | 0.08 - 16 SQ-MM	
		1x Assortment of end-sleeves	
610 922		1x 610 088 3 Crimping Capacity: 28 - 6 AWG | 0.08 - 16 SQ-MM	
		1x 707 040 RT Stripping Capacity: 28 - 6 AWG | 0.08 - 16 SQ-MM	
		1x Assortment of end-sleeves	
610 923		1x 610 190 6 Crimping Capacity: 26 - 6 AWG | 0.14 - 16 SQ-MM	
		1x 707 040 RT Stripping Capacity: 28 - 6 AWG | 0.08 - 16 SQ-MM	
		1x Assortment of end-sleeves	

Cut Off Tool (called Singulator)

> Tool to separate terminals from terminal-reel, coil up to a material thickness of 1/32"
> Produces a clean cut of multiple terminals at once – for more efficiency
> Versatile tool, works with most standard metal strip reels

Side Feed, Front Carrier Strip	Center Feed Terminal Strips	End Feed Terminal Strips

Tool name	Part#	Description	Stock Thickness	Finish
Cut Off Tool (called Singulator)	625 41551 3 RT	Rennsteig Cut Off Tool (called Singulator) This hand tool was developed to seperate terminals from the carrier strip. • With this tool you can cut single or multiple pieces in one step • The Cut Off Tool enables operators to easily cut side-feed, front-carrier terminal strips and reels - the operator creates loose piece terminals • All components are long life tested • The hand tool produces a clean cut (perfect cut-off tab)	max. 1/32" | 0.7 mm	Two-component handles

Assembly Tool for mounting of MC3™ couplers

The MC3™ Assembly Tool is a high quality device that is used for inserting the crimped solar PV cable into the rubber
housing in order to build a fully insulated MC3™ connection.

> Suitable for assembling MC3™ connectors from 14/12/10/8 AWG (similar to 2.5/4/6/10 mm²)
> Can be used for both male and female connections
> Ergonomic and effortless, Up to 3 spindles can be stored in grip
> Suitable for on-site use, on roofs, etc.

Application	Wire Gauge	Part#	Description	Terminal*
Multi-Contact MC3™	14/12/10/8	725 000 RT	Complete Tool w/ all spindles for mounting of MC3™ couplers	

Prevents tools from falling down when working at heights

		Part#	Description
		6370 00429	eForce Neck Strap / Tool Strap for tools up to 33 lbs Easy adjustable to different lengths.

You already own our tools? Complete it with a case.

		Part#	Description
	Empty Set case for Rennsteig Crimp System Tool	624 105-25 RT	Space for: - 1x Crimp System Tool - 5x Die Sets - 5x Locators - additional storage space (includes spare parts)
	Empty Kit case for Rennsteig Crimp System Tool	624 105-26 RT	Space for: 1x Crimp System Tool, 1x Insulation Stripper, 1x Cable Cutter, 2x Die Sets, 2x Locators

Milwaukee™ Heavy-Duty Tool Case with inserts for eForce - Battery Powered Crimping Tool, Battery Charger, Additional Battery, Die Sets & Locator

Milwaukee™ Heavy-Duty Tool Case with inserts for Rennsteig Crimp System Tool, Cable Cutter, Wire Stripper and Accessories

RENNSTEIG System Tools

Our RENNSTEIG System Tools will take all exisiting die sets to make your job faster, better and easier. The die sets can easily switched out and inserted into the below tools.

Interchangeable single compontens

Rennsteig Tools, Inc. - **Precision Tools Made in Germany**

A leading US and German producer of high quality hand tools, Rennsteig Werkzeuge designs and manufactures state of the art crimping, cutting, and stripping tools. The company follows a long tradition of specialty hand tool development and manufacturing which enables it to craft exceptionally dynamic hand tools. In January 2006, Rennsteig Werkzeuge established Rennsteig Tools Inc. with a sales office in Hudson, Ohio to better serve the North American market (including Canada and Mexico). From this location, the company provides precision tools that conform to USCAR 21 and other North American specifications. Rennsteig Tools Inc. supplies distributors, dealers, OEMs, secondary suppliers and individuals across various industries.

November 2009

RENNSTEIG TOOLS, INC. emphasized its commitment to the US market with the opening of a new warehouse in Somerdale, NJ.

August 2010

RENNSTEIG TOOLS, INC. moved from Hudson, OH to a new sales office in Rutherford, NJ.

October 2013

RENNSTEIG TOOLS, INC. opened a new technical office in Texas.

June 2015

RENNSTEIG TOOLS, INC. opened a service point in Illinois.

July 2016

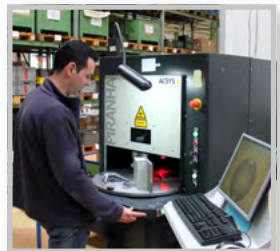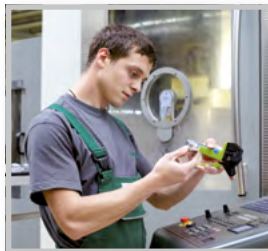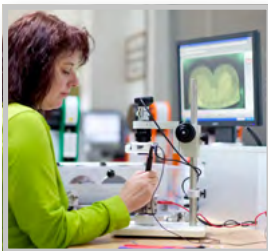RENNSTEIG TOOLS, INC. moved from Rutherford, NJ to Hackensack, NJ.

March 2021

RENNSTEIG TOOLS, INC. has acquired the Pico Tools Corporation.

June 2021

RENNSTEIG TOOLS, INC. moved to a new building.

State-of-the-art production - The core of our company!

Precision Tools Made in Germany

German Manufacturing Plant

Production Quality Tooling. Made in the USA

U.S. Manufacturing Plant

Rennsteig can help you streamline your solar installs, by giving you the tools you need to do a fast, professional job. These precision cutting, stripping and crimping tools are specifically engineered for the wires and terminals specific to the solar industry. Our top-quality tools are designed for durability and efficiency, and give you consistently excellent results. RENNSTEIG TOOLS MEET THE REQUIREMENTS OF EVERY PROFESSIONAL USER.

Other products we manufacturer.

MADE IN USA

RENNSTEIG PICO SERIES CRIMPING TOOLS

INSERTION & EXTRACTION TOOLS

ASSEMBLY TOOLS

TOOLS FOR OPTICAL FIBER

BATTERY OPERATED HEAVY DUTY CRIMPERS

HARDWARE

REDUCE INSTALLATION COSTS...

RENNSTEIG TOOLS, INC.
Service Point

RENNSTEIG TOOLS, INC.
Prouction Plant
4040 Adolfo Road
Camarillo, CA 93012

web: www.rennsteig.us
mail: info@rennsteig.us

RENNSTEIG TOOLS, INC.
Warehouse
403 Kennedy BLVD
Somerdale, NJ 08083

web: www.rennsteig.us
mail: warehouse@rennsteig.us

...BY FABRICATING YOUR OWN PV WIRES

RENNSTEIG TOOLS, INC.
Sales Office
411 Hackensack Avenue,
Suite 200
Hackensack, NJ 07601-6331

fon: 330-315-3044
fax: 330-319-8135
mobil: 201-275-5981
web: www.rennsteig.us
mail: sales@rennsteig.us

RENNSTEIG WERKZEUGE GMBH
Headquarter/Manufacturing Plant
An der Koppel 1
98547 Viernau

fon: 011 49 3 68 47 441 0
fax: 011 49 3 68 47 441 17
web: www.rennsteig.com
mail: info@rennsteig.com

rti 01/2022

We are the manufacturer. WE KNOW HOW!