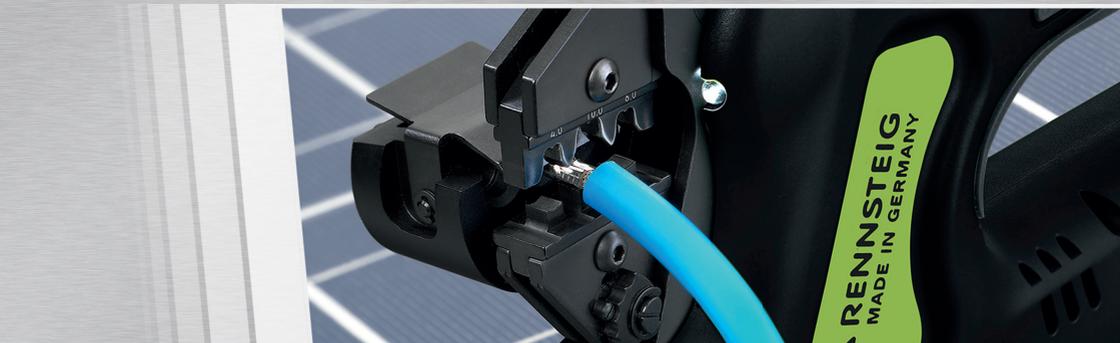


RENNSTEIG TOOLS

Designed for You, Engineered to Last.



**#1 TOOL BRAND FOR
SOLAR PROFESSIONALS**

**NEW TOOLS
INSIDE**

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

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



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.



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 light-weight and heavy duty carrying cases for our tools.



Cable Cutters and Stripping Tools

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

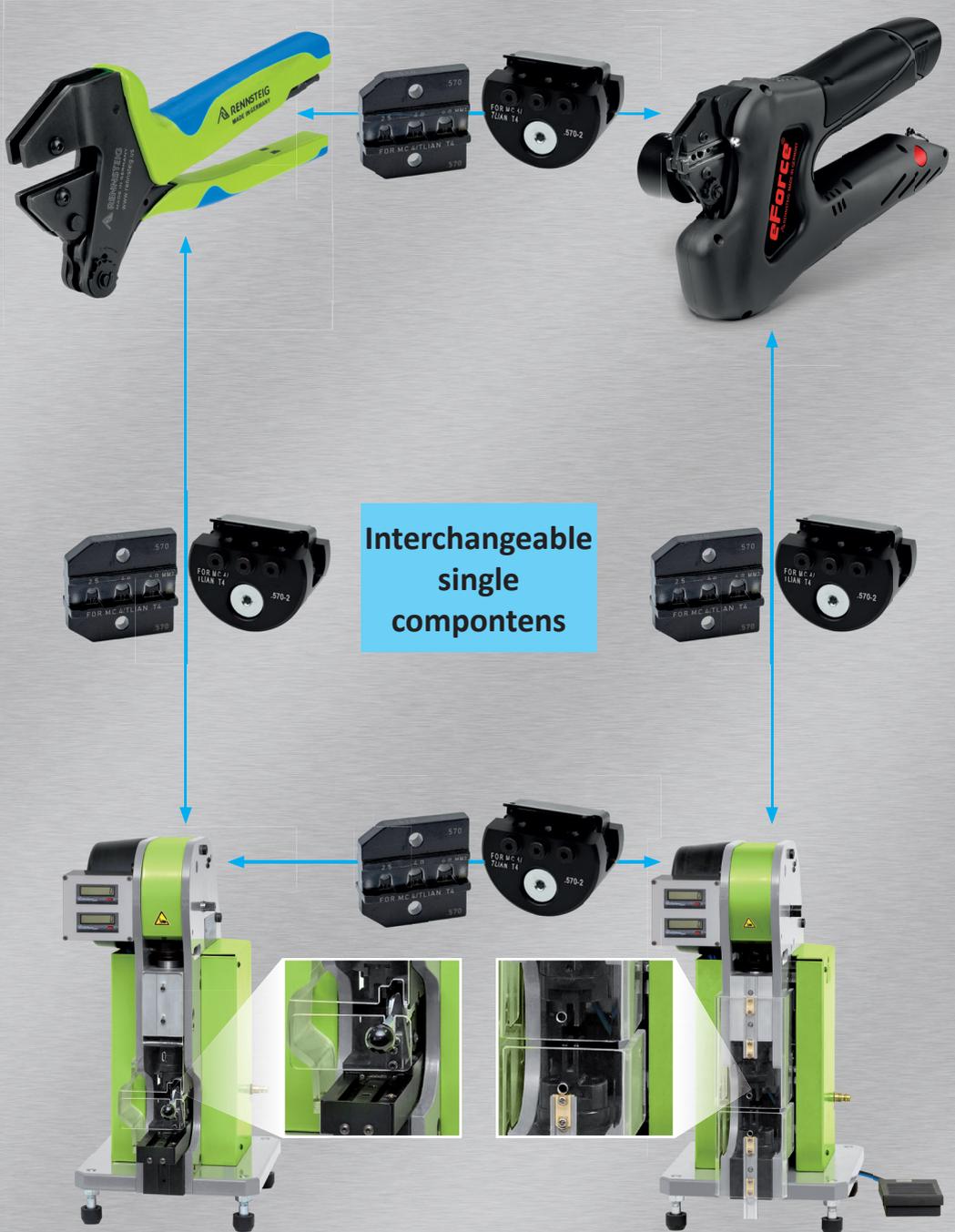


Assembly Tools/Accessories

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

RENNSTEIG System Tools

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



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 life



Easy grip even when fully open



Parallel crimping

Locator
(for the correct positioning of the specific contact)

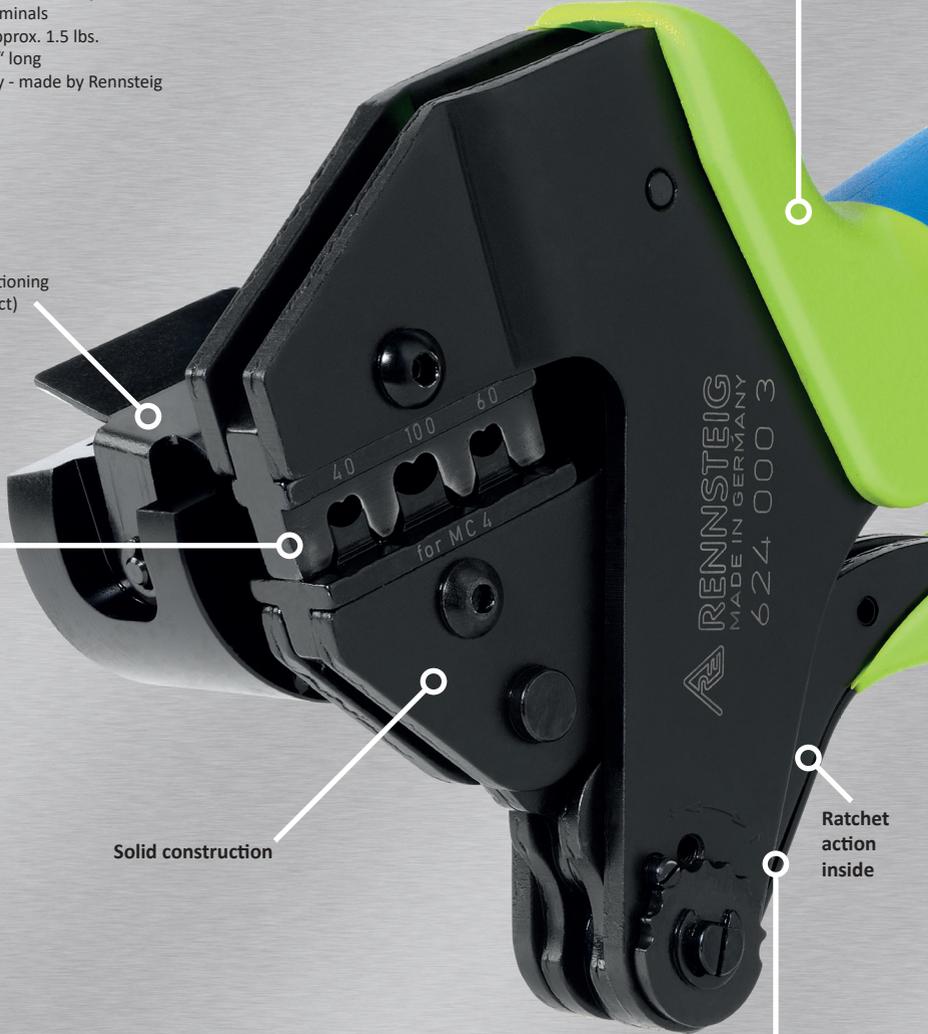
Interchangeable Crimp Dies

Solid construction

Two component ergonomic handles

Ratchet action inside

Emergency Release
(if jam occurs)



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



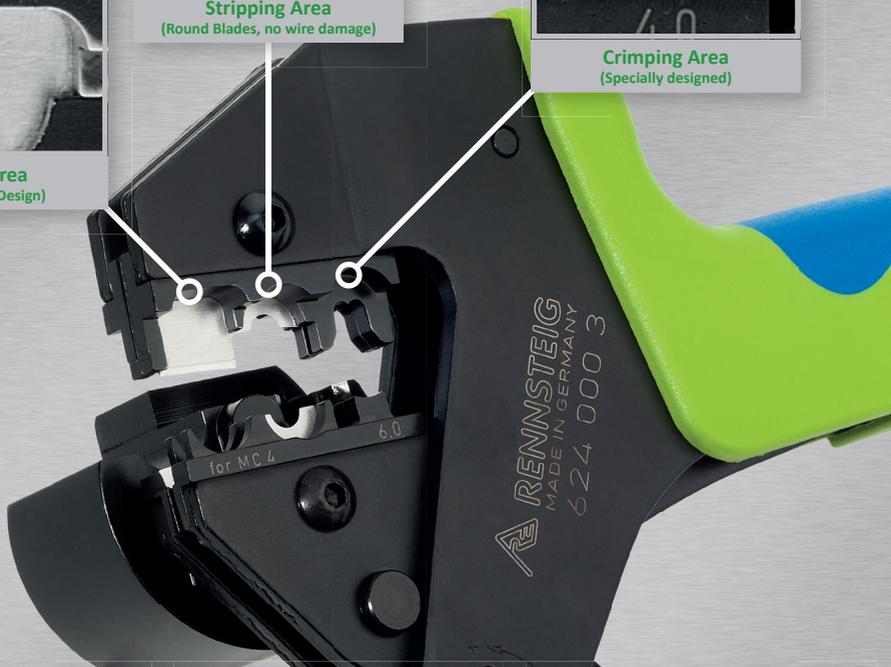
Cutting Area
(Special Blade Design)



Stripping Area
(Round Blades, no wire damage)



Crimping Area
(Specially designed)



Cutting



Stripping



Crimping



eForce® Battery Powered Crimping Tool

Part#	6370 0300 1 RT1	6370 0300 1-2 RT1
Content:	<ul style="list-style-type: none"> > 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 	<ul style="list-style-type: none"> > 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

Crimping machines CM 25-5

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.

- > Crimping machine with sliding tray for most of the crimp dies and locators of the Rennsteig Crimp System Tool
- > Connector and cable are held in the open bottom section
- > Wire clamps in for safe working
- > Automatic release following insertion

Digital Counter

Counts full machine life and daily crimps

Safety Cover

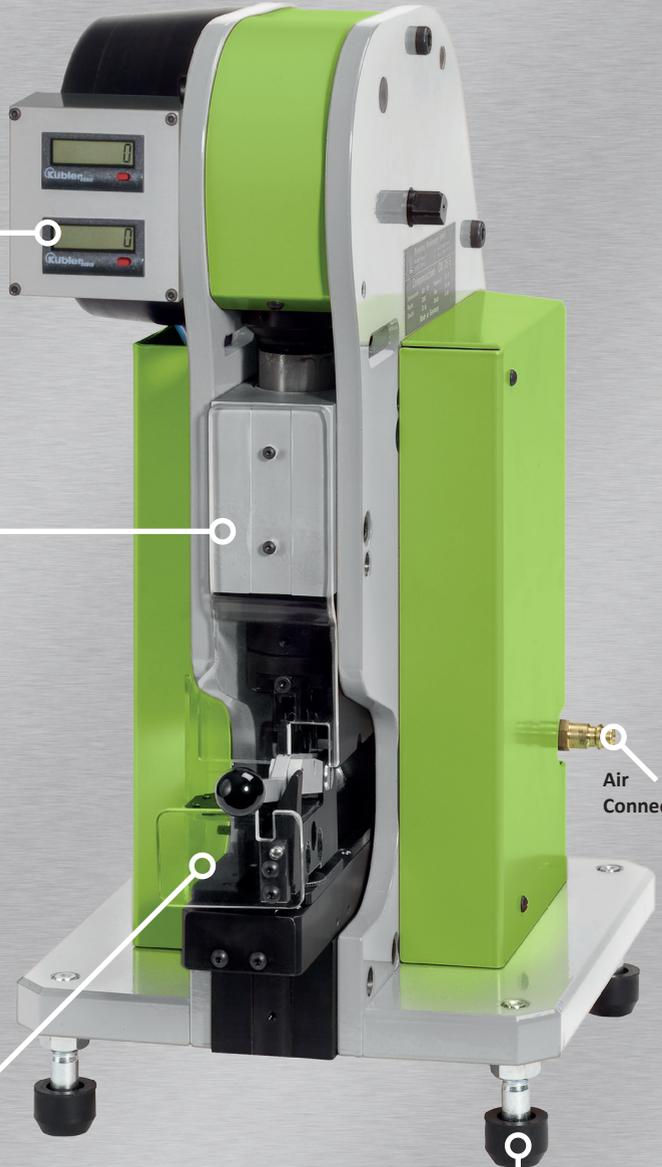
Protects the worker during crimping process

Sliding Tray

Easy load of the terminal and wire outside of the tool

Heavy-Duty Stands
Absorbes vibrations

Air Connector



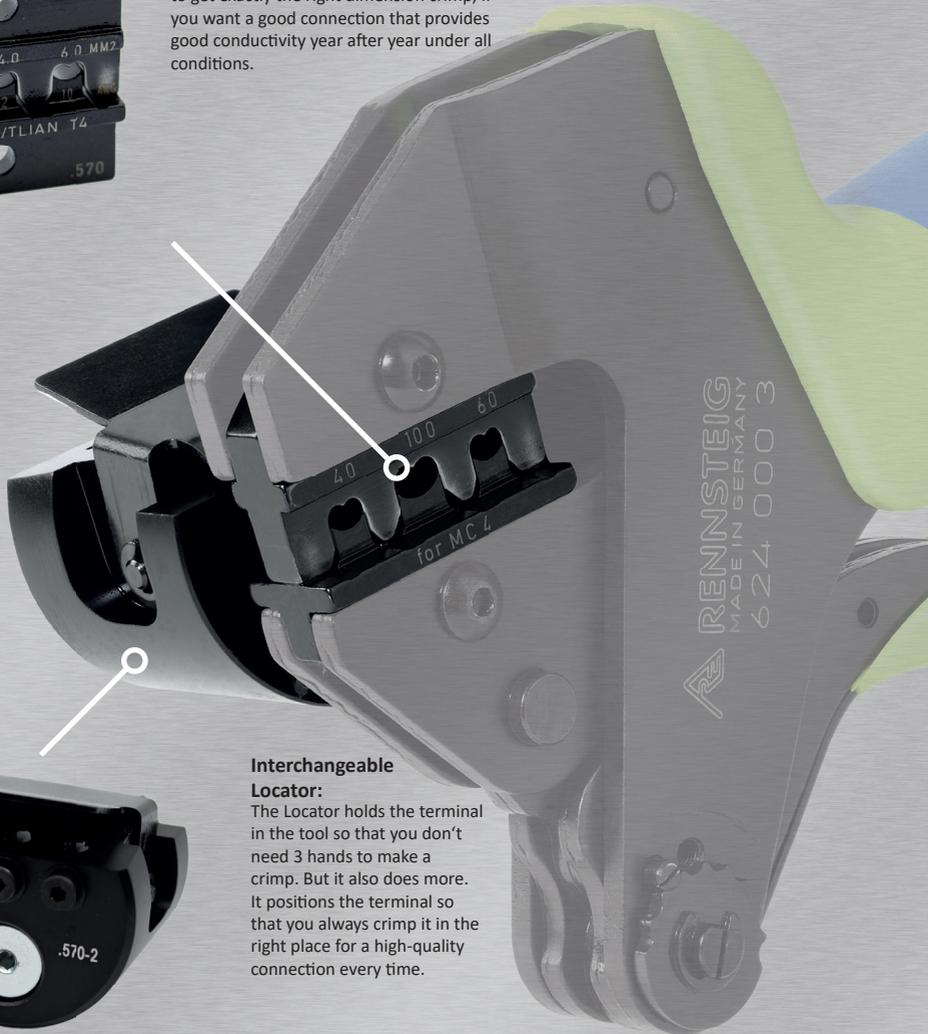
Single components:

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.



Solutions for Staubli MC4™ & MC4™ EVO 2 Terminals

P/N	Image	MC4				MC4 EVO2				MC4 Barrel Style				
		2.5	4	6	10	2.5	4	6	10	2.5	4	6	10	
		SQ-MM												
		AWG	14	12	10	8	14	12	10	8	14	12	10	8
624 570 3 1 RT			X	X	X									
624 570 3 17 RT							X	X	X					
624 570 3 0 RT			X	X	X		X	X	X					
624 570 0 01 RT			X	X	X									
624 570 0 017 RT							X	X	X					
624 1193 3 1 RT				X	X	X								
624 1193 3 0 RT				X	X	X	X	X	X	X	X [†]			
624 1193 0 01 RT				X	X	X								
624 006 3 1 RT					X									
624 006 3 0 RT					X					X				
624 006 0 01 RT					X									
624 004 3 1 RT				X										
624 004 3 0 RT				X					X					
624 004 0 01 RT				X										

		SQ-MM				SQ-MM				SQ-MM				
		2.5	4	6	10	2.5	4	6	10	2.5	4	6	10	
		AWG	14	12	10	8	14	12	10	8	14	12	10	8
P/N														
		MC4				MC4 EVO2				MC4 Barrel Style				
624 1301 3 RT			X	X										X
624 1301 3 1 RT			X	X										X
624 1301 3 0 RT			X	X										X
624 1301 0 01 RT			X	X										X
625 51332 3 1 RT							X	X	X					
625 51332 3 0 RT			X	X	X		X [†]	X [†]	X [†]					
625 51332 0 01 RT							X [†]	X [†]	X [†]					
629 006 3 RT			X	X			X	X						
629 1748 3 0 1 RT			X	X			X	X						
619 1747 3 RT			X	X			X	X						
624 1715 3 1 RT										X	X	X	X	
624 1715 3 RT										X	X	X	X	
624 1715 3 0 RT										X	X	X	X	
624 1715 0 01 RT										X	X	X	X	

* Terminal images are for illustrative purposes only and may differ from the actual product.
† Can only be used with 625 50000 3 RT or Crimping Machine CM 25-1 & CM 25-5

Solutions for Amphenol Solar Terminals

P/N	Image	SQ-MM				AWG				SQ-MM				AWG					
		2.5	4	6	10	14	12	10	8	2.5	4	6	10	14	12	10	8		
																			
		Amphenol H4 CF (machined/cold formed contact)				Amphenol H4 S&F				Amphenol H4 Plus S&F (former UTX™ S&F) [stamped and formed contact]				Amphenol UTX™-C&F and H4 Plus CF (machined/cold formed contact)					
624 1194 3 1 RT		X	X	X	X														
624 1194 3 RT		X	X	X	X														
624 1194 3 0 RT		X	X	X	X														
624 1194 0 01 RT		X	X	X	X														
624 1184 3 1 RT						X													
624 1184 3 RT						X													
624 1184 3 0 RT						X													
624 1184 0 01 RT						X													
624 1185 3 1 RT							X												
624 1185 3 RT							X												
624 1185 3 0 RT							X												
624 1185 0 01 RT							X												

P/N	Image	SQ-MM				2.5				4				6				10				
		AWG				14	12	10	8	14	12	10	8	14	12	10	8	14	12	10	8	
624 1175 3 1 RT					X	X	X															
624 1175 3 0 RT					X	X	X															
624 1175 0 01 RT					X	X	X															
624 1364 3 1 RT								X	X	X												
624 1364 3 0 RT								X	X	X												
624 1364 0 01 RT								X	X	X												
624 1384 3 11 RT		X	X	X													X	X	X			
624 1384 3 RT		X	X	X													X	X	X			
624 1384 3 0 RT		X	X	X													X	X	X			
624 1384 0 011 RT		X	X	X													X	X	X			

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
- > Interchangeable 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

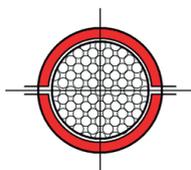
Dual component comfort grip handles

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#
Tool for solar cable	AWG 16/14/12/10 1.5/2.5/4/6 mm ²	708 226 3 RT
Tool for metric solar cable	4/6/10 mm ² (similar to AWG 12/10/8)	708 269 3 RT
Tool for metric solar cable	4 mm ² (similar to AWG 12)	708 269-1 3 RT
Tool for metric solar cable	6 mm ² (similar to AWG 10)	708 269-2 3 RT
Tool for metric solar cable	10 mm ² (similar to AWG 8)	708 269-3 3 RT
Tool for solar cable	12/10/8 AWG	708 345 3 RT
Tool for solar cable	10/8/6 AWG	708 346 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.

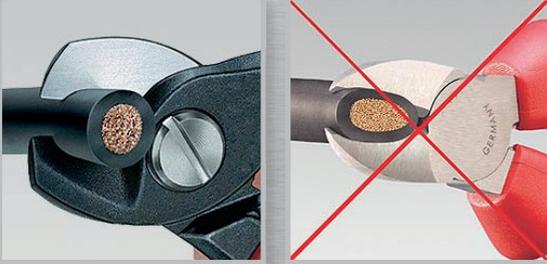
The shaped blades cuts the insulation completely. (The red area will be cut, no damaging of the cable strands)

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 mm ² (similar to AWG 1/0)	700 015 3 RT	Black-Oxide, plastic coated	
Cable Cutter RG	50 mm ² (similar to AWG 1/0)	700 015 36 RT	Black-Oxide, reinforced plastic grips	
Cable Cutter OS	50 mm ² (similar to AWG 1/0)	700 016 3 RT	Black-Oxide, spring loaded, plastic coated	
Cable Cutter RGO	50 mm ² (similar to AWG 1/0)	700 016 36 RT	Black-Oxide, spring loaded, reinforced plastic grips	
Cable Shears D27	150 mm ² (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

Light-Weight Tool Cases

		Part#	Description
	Empty Set case for Rennsteig Crimp System Tool	624 105-25 RT	Space for: - 1x Crimp System Tool (Page 5/10/11/12/13) - 5x Die Sets (Page 10/11/12/13) - 5x Locators (Page 10/11/12/13) - additional storage space (includes spare parts)
	Empty Kit case for Rennsteig Crimp System Tool	624 105-26 RT	Space for: 1x Crimp System Tool (Page 5) 1x Insulation Stripper (Page 14/15) 1x Cable Cutter (Page 16/17) 2x Die Sets (Page 10/11/12/13) 2x Locators (Page 10/11/12/13)

Heavy-Duty Tool Cases

P/N	Content	Picture	
624 4822-8435 KRT	Milwaukee™ Heavy-Duty Tool Case with inserts for Rennsteig Crimp System Tool, Cable Cutter, Wire Stripper and Accessories Item includes: 1x Packout 48-22-8435 1x Top Foam Insert 1x Bottom Foam Insert		 <i>Foams are also available separately (624 FIR1B & 624 FIR1T)</i>

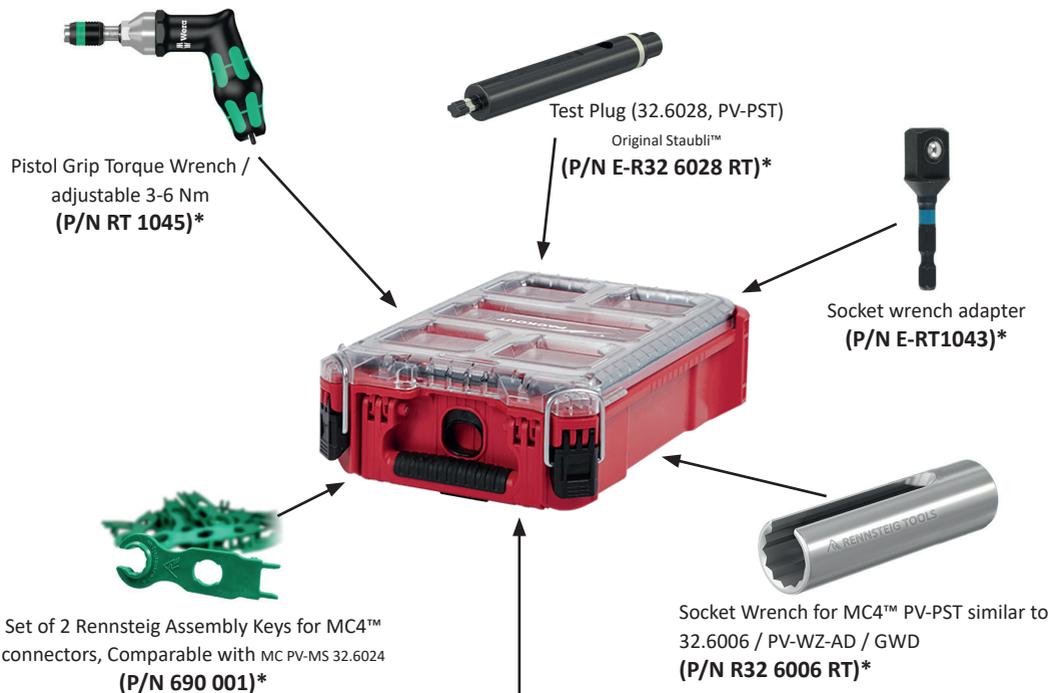
P/N	Content	Picture	
624 4822-8424 KRT	Milwaukee™ Heavy-Duty Tool Case with inserts for eForce - Battery Powered Crimping Tool, Battery Charger, Additional Battery, Die Sets & Locator Item includes: 1x Packout 48-22-8424 1x Foam Insert		 <i>Foam is also available separately (624 FIR1)</i>

Connector Assembly tool kit for MC™ application

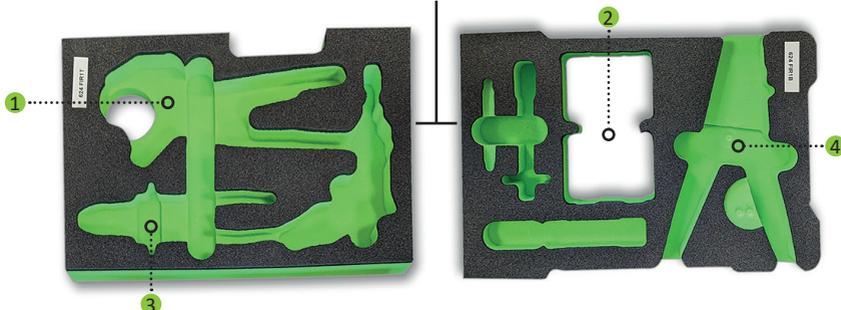
P/N 624 105-WZ4

This kit includes all the professional parts you need to aid MC4™ cable extensions safely and correctly.

The Rennsteig Connector Assembly tool kit (Made for the North American market) for MC4™ applications includes the following well-sourced professional parts below and comes in a heavy-duty carrying case with additional room for tools. In addition, the case has room for Rennsteigs Crimp System Tool **1**, additional Die Sets and Locators **2**, Cable Cutter **3**, and Solar-Wire Insulation Stripper **4** (Rennsteig and Ideal style).



Advanced foam solutions for to safeguard your valuables with precision and care.
(P/N 624 FIR1B | 624 FIR1T)*



*All parts shown are also available separately.

Rennsteig Tools, Inc. - Precision Tools.

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.

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

Other products we manufacturer.



Rennsteig Pico 400 Series Multi Indent Pneumatic Crimping Tools



- Heavy duty pneumatic Full Cycle crimp tool
- Pin & Sockets, Solderless Terminals, and many Custom Applications
- Variety of Crimp Styles (including four Indent, double Indent, Hex, Circular, Single Indent and many more)
- No Operator Adjustments required
- Die assembly and positioner are easily interchangeable with no special tool required
- Precision $\pm .001$ / $-.001$ "
- Operates on Shop Air
- 90-115 PSI (6.5-8.0 BAR)
- Weight: 16-21 lbs (7-9.5 kg)
- Capacity: AWG 28 - 4/0
- EC (Electronic Controls) upgrade kits are available

**NEED A
CUSTOM
SOLUTION?**
ASK US ABOUT YOUR
PROTOTYPE DESIGN
REQUIREMENTS.

Available models

P/N	P-400-BHD (similar to WA23)	P-400-BEC	P-400-B-1	P-400-B-1EC
Description	Pneumatic Crimping Machine	Pneumatic Crimping Machine with EC Unit	Pneumatic Crimping Machine	Pneumatic Crimping Machine with EC Unit
Activation Type	Hand Trigger	Foot Pedal	Hand Trigger	Foot Pedal
Application	Turned/Machined Contacts	28 AWG - 2/0 AWG		28 AWG - 4/0 AWG
	Insulated Terminals	26 AWG - 1/0 AWG		26 AWG - 2/0 AWG
	Uninsulated Terminals	26 AWG - 2/0 AWG		26 AWG - 3/0 AWG
	Coaxial Connectors	Max. Hex Size: 1 inch (25.4 mm)		

WELCOME

DIY Crimping Tool for MC4® / MC4® Evo 2

Our quality solution for the experienced DIY-Expert: the entry-level tool for MC4® and MC4® Evo 2 connectors with 4 and 6 mm² (12 and 10 AWG). Ideal for small installations and repairs – perfectly suited for small residential solar systems or off-grid applications such as RVs, garden sheds, or boats.

- > Factory-calibrated: Crimp pressure is precisely preset.
- > High crimping force thanks to optimized lever transmission.
- > Comfortable handling with ergonomic grip design and lightweight construction.
- > Specialized design: Crimp insert is optimized to the frame and not interchangeable or available as a spare part.



The compact and reliable solution for your DIY solar projects.



619 1747 3 RT

Tool with die set for crimping of MC4 and MC4 EVO 2 terminals.
Capacity: 4/6 mm²

Service Crimping Tool (Solar MultiCrimp®) with Exchangeable Die Sets

This versatile tool for MC4®/MC4® Evo 2 is the perfect choice for PV installations within our MultiCrimp® family. An ideal solution for smaller service jobs and the perfect companion for skilled workers. Your perfect first step into the professional installer's world.

- > Universal, powerful crimping tool with premium features
- > One tool with three crimp inserts: for MC4®/MC4® Evo 2 (12 & 10 AWG), non-insulated cable connectors, and ferrules
- > Quick and easy exchange of crimp inserts
- > Safe, protected storage of inserts in a round magazine
- > Expandable with up to two additional inserts for standard crimping tasks such as grounding wires and wiring to the distribution panel



629 006 3 RT

Tool with die set for crimping of MC4 and MC4 EVO 2 terminals.
Capacity: 4/6 mm²

629 1748 3 0 1 RT

Die Set only for MultiCrimp Tool for crimping of MC4 and MC4 ECO 2 terminals
Capacity: 4/6 mm²



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**REDUCE
INSTALLATION
COSTS...**



RENNSTEIG TOOLS, INC.
Service Point

**...BY FABRICATING
YOUR OWN PV
WIRES**

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.**



rti 01/2025

We are the manufacturer. WE KNOW HOW!