

# Proteus 10S & 10H

Customer Data Sheet

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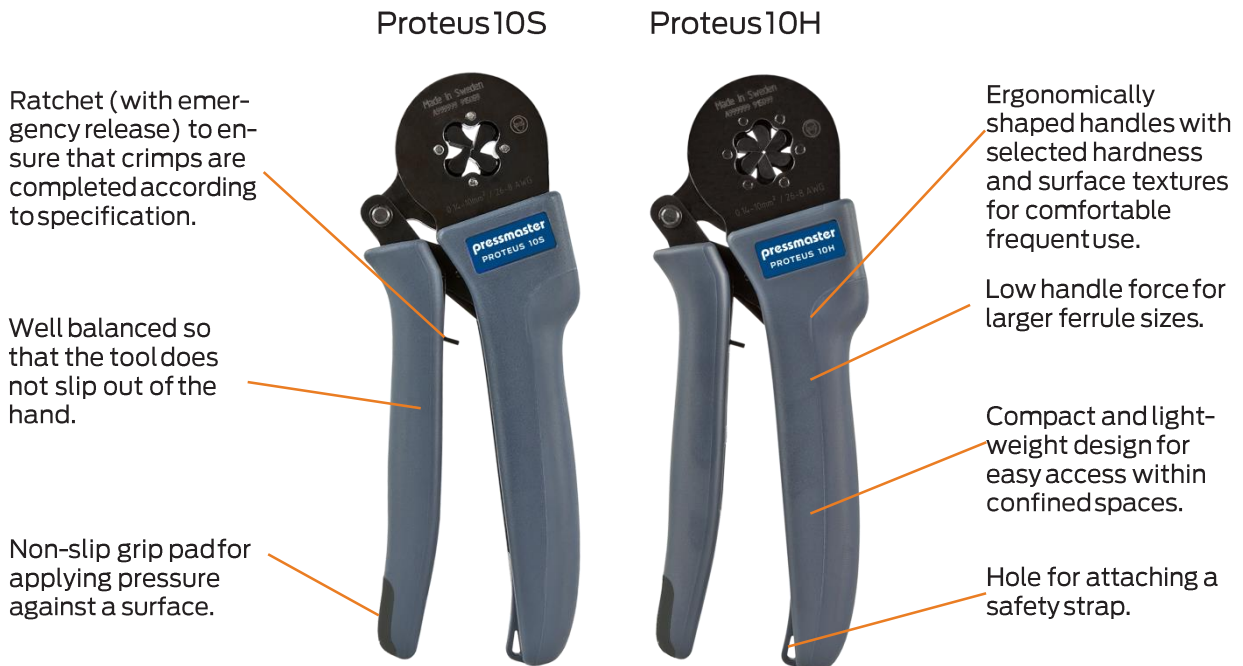


Ergonomic // Compact & lightweight // Low handle force

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## Proteus 10S & 10H




Lightweight, compact, comfortable and self-adjusting tool for crimping ferrules/wire end sleeves.



# Proteus 10S & 10H

Lightweight, compact, comfortable and self-adjusting for crimping ferrules/wire end sleeves.  
Crimp profile: Square and Hex

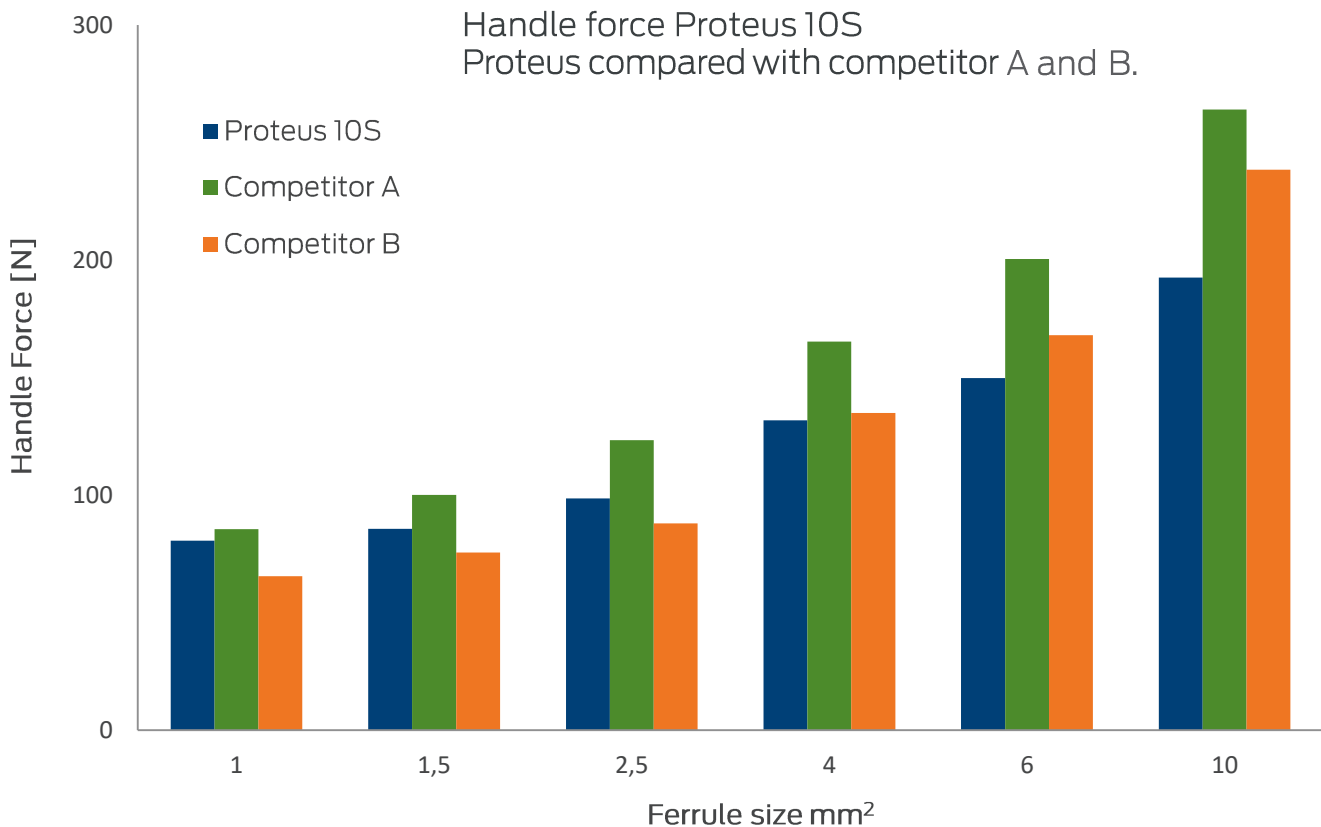


	Proteus 10S	Proteus 10H
Connectors	 Insulated and non-insulated ferrules/wire end sleeves	
Adjustment	No	No
Capacity	0.14–10.0 mm <sup>2</sup> /AWG 26–8	0.14–10.0 mm <sup>2</sup> /AWG 26–8
Crimp profile	Square 	Hex 
Crimplength	Up to 12 mm/0.47inch	
Lifespan	> 50,000 cycles	
Length	176 mm/6.93inch	176 mm/6.93inch
Width	26 mm/1.02inch	26 mm/1.02inch
Height	62 mm/2.44inch	62 mm/2.44inch
Handle spread (closed)	46 mm/1.81inch	46 mm/1.81inch
Handle spread (open)	142 mm/5.59 inch	142 mm/5.59 inch
Weight	362 g/0.8lbs	371 g/0.81lbs
Articlenumber	4300-4661	4300-4662

## Testing Proteus square

Testing is done in the Pressmaster laboratory. The handle force on all tools are measured 114 mm from pivot point (Pivot point = centrum of the crimp and dies).

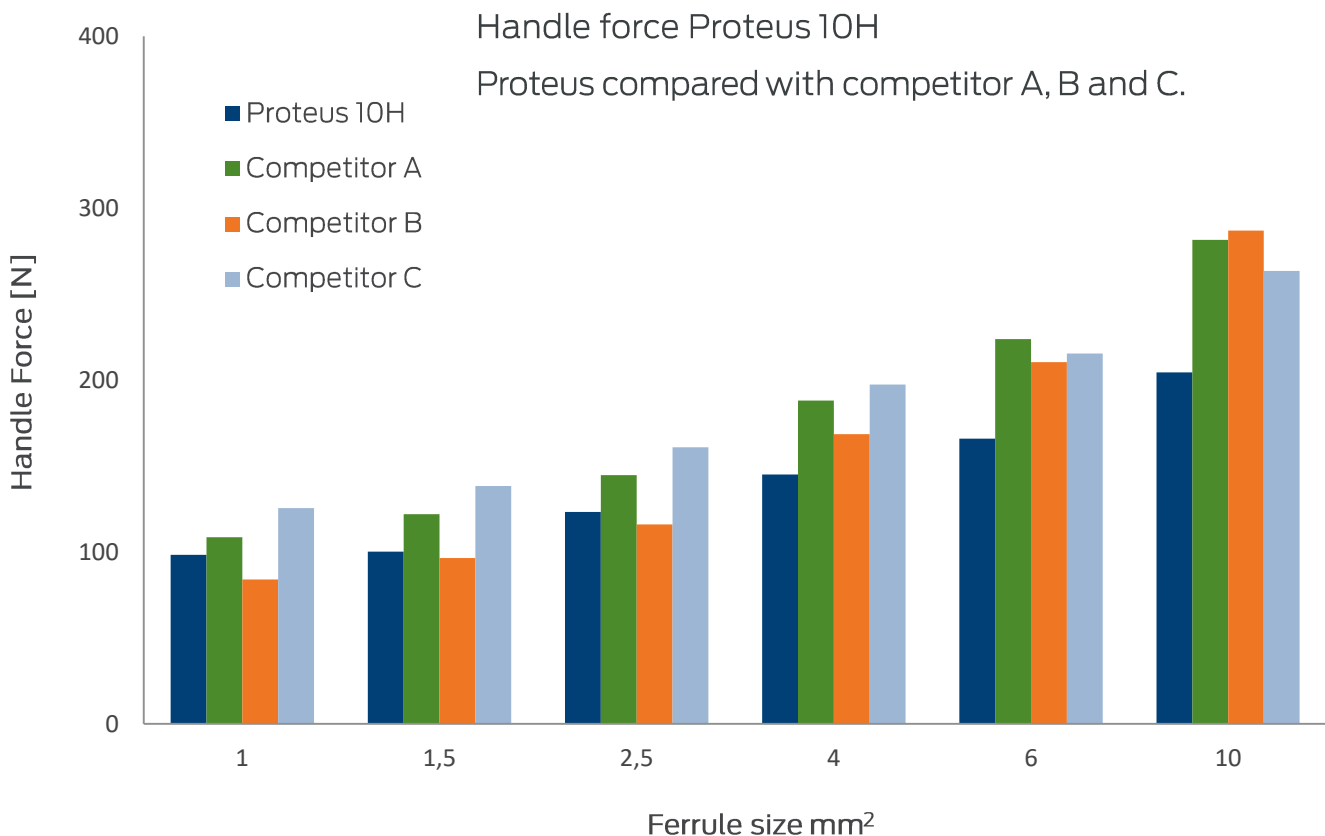
	<b>Proteus 10S</b>	<b>CompetitorA</b>	<b>CompetitorB</b>
Capacity	0.14–10.0mm <sup>2</sup> AWG26–8	0.08-16mm <sup>2</sup> AWG28-6	0.14-10mm <sup>2</sup> AWG26-8
Weight	368 g 0.81lbs	420 g 0.93lbs	505 g 1.1lbs
Lenght	176 mm 6.93inch	175 mm 6.89inch	195 mm 7.68inch
Width	26 mm 1.02inch	25 mm 0.98inch	33 mm 1.29inch
Height	62 mm 2.44inch	75 mm 2.95inch	80 mm 3.15inch
Handlespread (closed)	46 mm 1.81inch	53 mm 2.09inch	57 mm 2.54inch
Handlespread (open)	139 mm 5.47inch	133 mm 5.24inch	144 mm 5.67inch
Handleopening angle	53°	61°	50°



## Testing Proteus hexagon

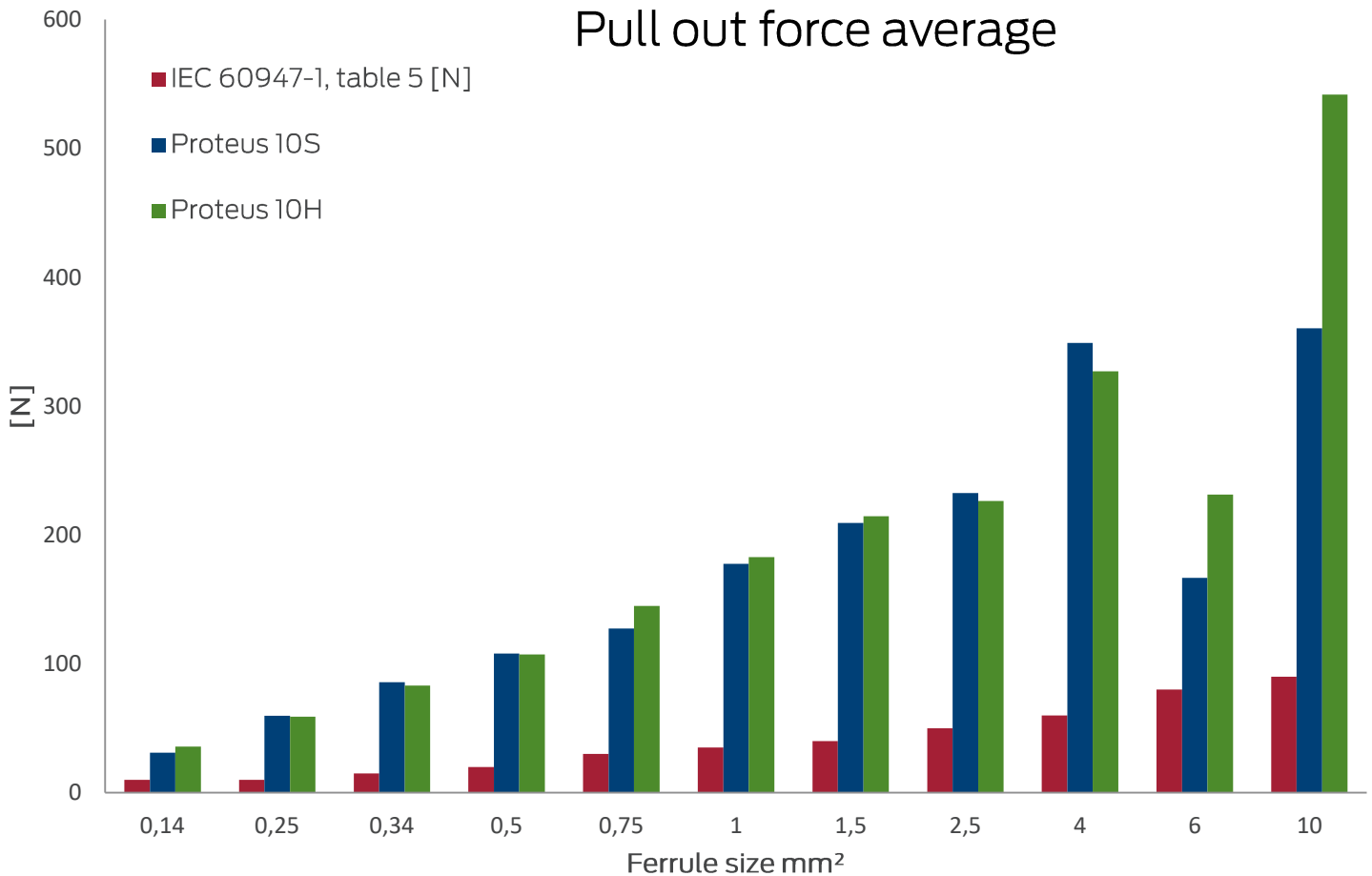
Testing is done in the Pressmaster laboratory. The handle force on all tools are measured 114 mm from pivot point (Pivot point = centrum of the crimp and dies).

	Proteus 10H	CompetitorA	CompetitorB	CompetitorC
Capacity	0.14–10 mm <sup>2</sup> AWG26–8	0.08-10 mm <sup>2</sup> AWG28-8	0.14-10 mm <sup>2</sup> AWG26-8	0.08-16 mm <sup>2</sup> AWG28-6
Weight	372g 0.82lbs	420g 0.93lbs	505g 1.1lbs	470g 1.04lbs
Lenght	176 mm 6.93inch	175 mm 6.89inch	195 mm 7.68inch	213 mm 8.39inch
Width	26 mm 1.02inch	25 mm 0.98inch	33 mm 1.29inch	25 mm 0.98inch
Height	62 mm 2.44inch	75 mm 2.95inch	80 mm 3.15inch	67 mm 2.64inch
Handlespread (closed)	43 mm 1.69inch	53 mm 2.09inch	57 mm 2.54inch	44 mm 1.73inch
Handlespread (open)	141 mm 5.55inch	133 mm 5.24inch	144 mm 5.67inch	150 mm 5.91inch
Handleopen-angle	55°	61°	50°	52°



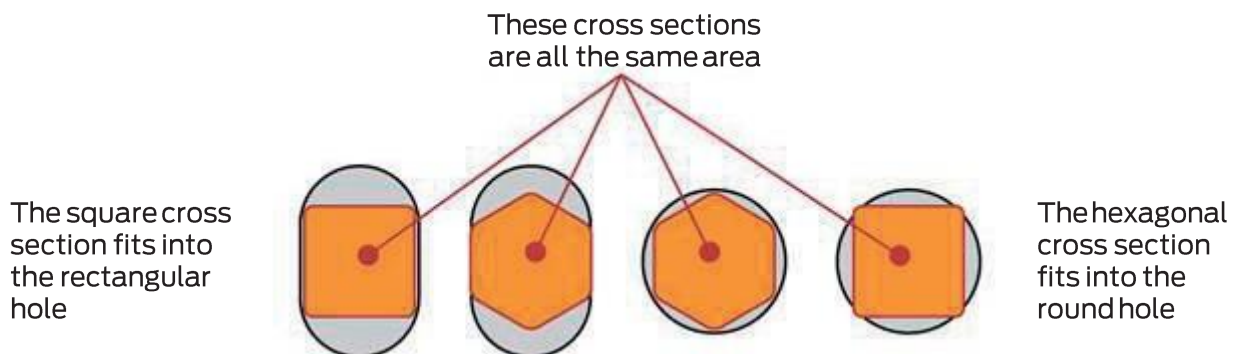
# Testing pull out force

Testing is done in the Pressmaster laboratory. If you have any questions about the testing, please get in contact with your regional sales contact.



## Square and hexagonal shaped crimps

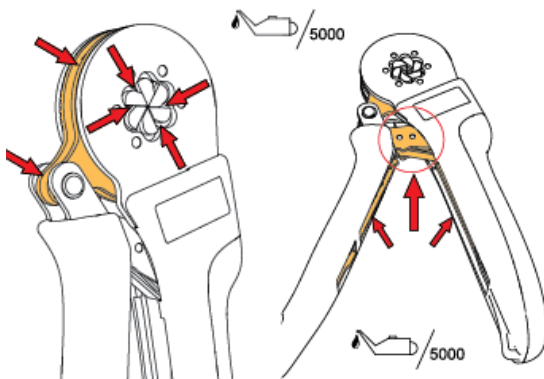
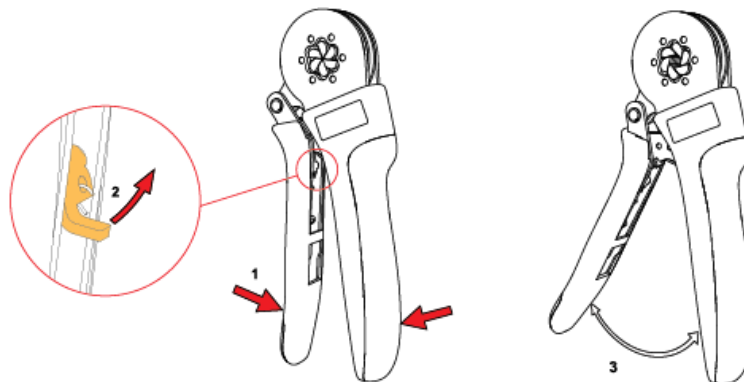
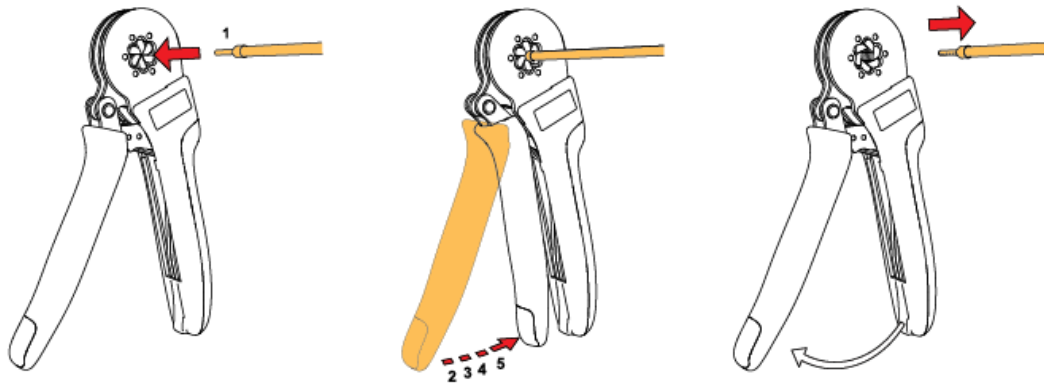
The difference/reason between the square and hexagonal Proteus crimp tools depend on the purpose. What can be said is that square crimps fit better into rectangular shapes and that hexagonal crimps fit better into round shapes. This should give the end user a good indication of which tool to choose given that they know what style of terminal block they are using.



# Operating instructions, Proteus

Proteus - lightweight, compact, comfortable and self-adjusting tool for crimping ferrules/wire end sleeves. Here instructions for Proteus 10H as an example.

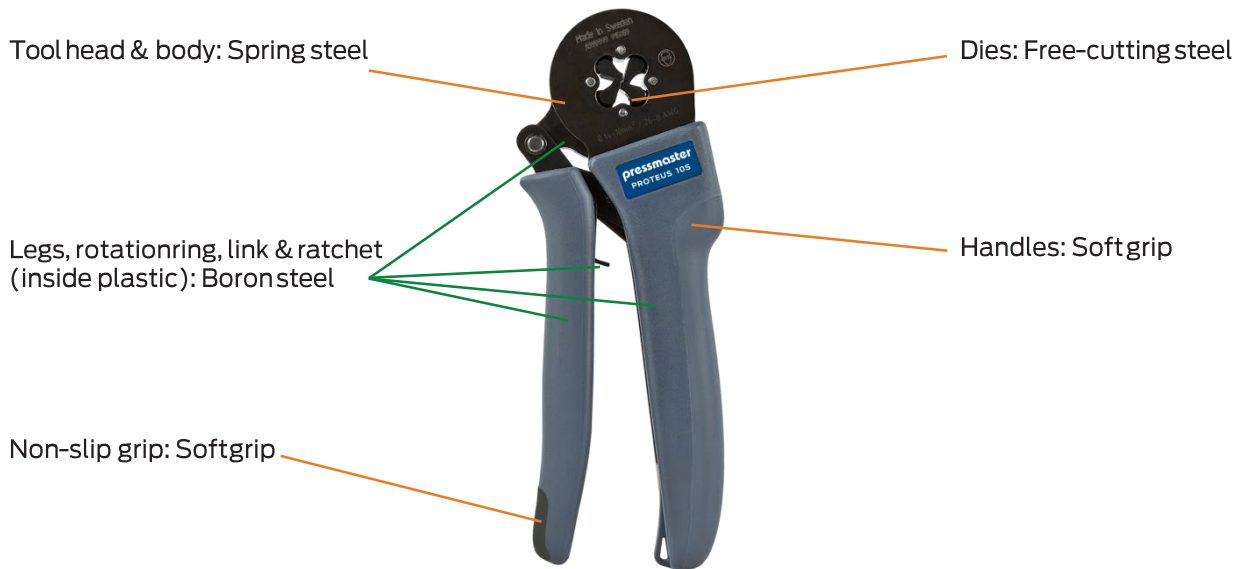
Operating instructions  
Bedienungsanleitung  
Mode d'emploi  
Istruzioni per l'uso  
Instrucciones de empleo  
Gebruiksaanwijzing  
Bruksanvisning  
Χειρισμός  
Utilização



	CAUTION	ATTENZIONE	OBSERVER
	VORSICHT	ATENCIÓN	ΠΡΟΣΟΧΗ
	ATTENTION	VOORZICHTIG	CUIDADO
	Use safety Glasses to Avoid Eye Injury		
	Benutzen Sie eine Sicherheitsbrille um Ihre Augen zu schützen		
	Utiliser des lunettes de sécurité pour éviter une blessure aux yeux		
	Usare gli occhiali di sicurezza per evitare il rischio di ferite agli occhi		
	Se deben usar gafas de protección para evitar lesiones de la vista		
	Draag ter voorkoming van oogletsel een veiligheidsbril		
	Använd skyddsglasögon för att undvika ögonskador		
Χρησιμοποιείτε προστατευτικά γυαλιά για να μην τραυματίσετε τα μάτια σας			
Utilize óculos de proteção para evitar lesões nos olhos			

# How to take care of your tool

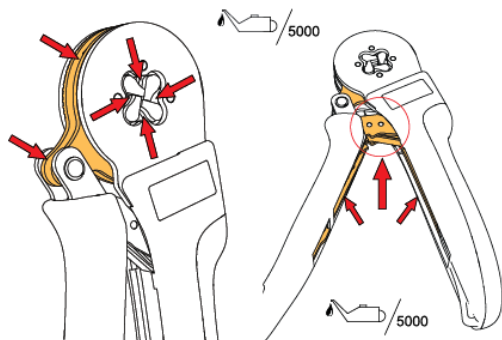
What Proteus is made of, and how to take care of your tool.



## How to take care of your tool

It is recommended that the operator of the tool be made aware of, and responsible for, following these maintenance steps:

- Remove dust, moisture, and other contaminants with a clean brush, or a soft, lint-free cloth. Do NOT use objects that could damage the tool.
- Make certain all pins, pivot points, and bearing surfaces are protected with a THIN coat of any good SAE No. 20 motor oil. Do NOT oil excessively.
- When the tool is not in use, keep the handles closed to prevent objects from becoming lodged in the crimping dies and store the tool in a clean, dry area.



## Guarantee

This tool is for crimping purposes only. The tool is made of the best quality materials and all vital components are long life tested for maximal and long life endurance.

All functional parts have passed lifetime tests. All tools are guaranteed to be free of manufacturing defects for a period of one year.

Should such a defect occur, we will repair or exchange the tool free of charge, but of course this will not be applicable to neglect, misused or accidentally damaged tools.

## To read about:

- Product Compliance REACH 2013
- Product Compliance RoHS 2013
- Company Assurance regarding Conflict Minerals 2015.

Go to the Pressmaster web site:  
[www.pressmaster.se/about-us/environment/documents-of-legislation/](http://www.pressmaster.se/about-us/environment/documents-of-legislation/)

## To read about:

- ISO 9001 (accredited since 1992).

Go to the Pressmaster web site:  
[www.pressmaster.se/about-us/quality](http://www.pressmaster.se/about-us/quality)