



ENGLISH

## Datasheet

Stock No: 1221790 & 1221791

# RS Pro

### Specifications:



	1221790	1221791
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
Crimp length	Up to 12 mm/0.47 inch	
Life span	> 50,000 cycles	
Length	176 mm/6.93 inch	176 mm/6.93 inch
Width	26 mm/1.02 inch	26 mm/1.02 inch
Height	62 mm/2.44 inch	62 mm/2.44 inch
Handle spread (closed)	46 mm/1.81 inch	46 mm/1.81 inch
Handle spread (open)	142 mm/5.59 inch	142 mm/5.59 inch
Weight	362 g/0.8 lbs	371 g/0.81 lbs
Article number	4300-4661	4300-4662



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

Compact and light-weight design for easy access within confined spaces.

Ratchet (with emergency release) to ensure that crimps are completed according to specification.

Low handle force for larger ferrule sizes.

Non-slip grip pad for applying pressure against a surface.



Well balanced so that the tool does not slip out of the hand.

Ergonomically shaped handles with selected hardness and surface textures for comfortable frequent use.



Hole for attaching a safety strap.

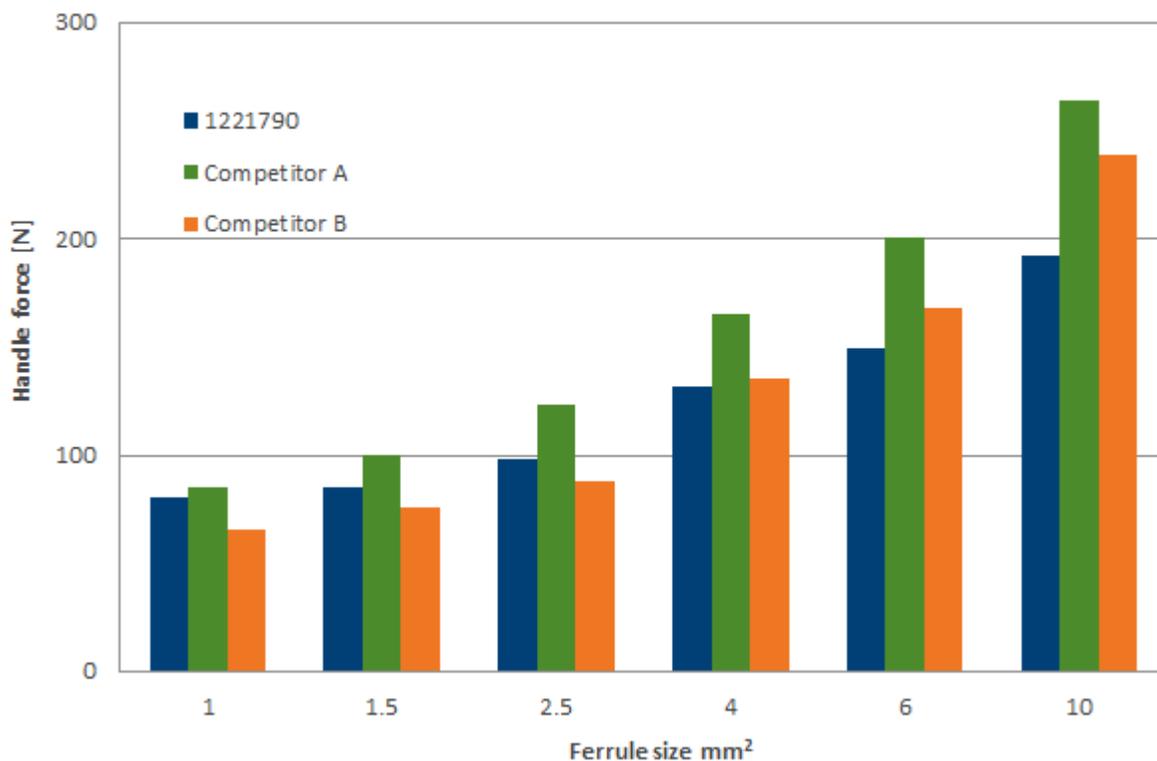


# Testing 1221790

The handle force on all tools are measured 114 mm from pivot point

	<b>1221790</b>	<b>Competitor A</b>	<b>Competitor B</b>
Capacity	0.14–10.0 mm <sup>2</sup> AWG 26–8	0.08-16 mm <sup>2</sup> AWG 28-6	0.14-10 mm <sup>2</sup> AWG 26-8
Weight	368 g 0.81 lbs	420 g 0.93 lbs	505 g 1.1 lbs
Length	176 mm/6.93 inch	175 mm/6.89 inch	195 mm/7.68 inch
Width	26 mm/1.02 inch	25 mm/0.98 inch	33 mm/1.29 inch
Height	62 mm/2.44 inch	75 mm/2.95 inch	80 mm/3.15 inch
Handle spread (closed)	46 mm/1.81 inch	53 mm/2.09 inch	57 mm/2.54 inch
Handle spread (open)	139 mm/5.47 inch	133 mm/5.24 inch	144 mm/5.67 inch
Handle opening angle	53°	61°	50°

### Handle force 1221790 compared with competitor A and B.



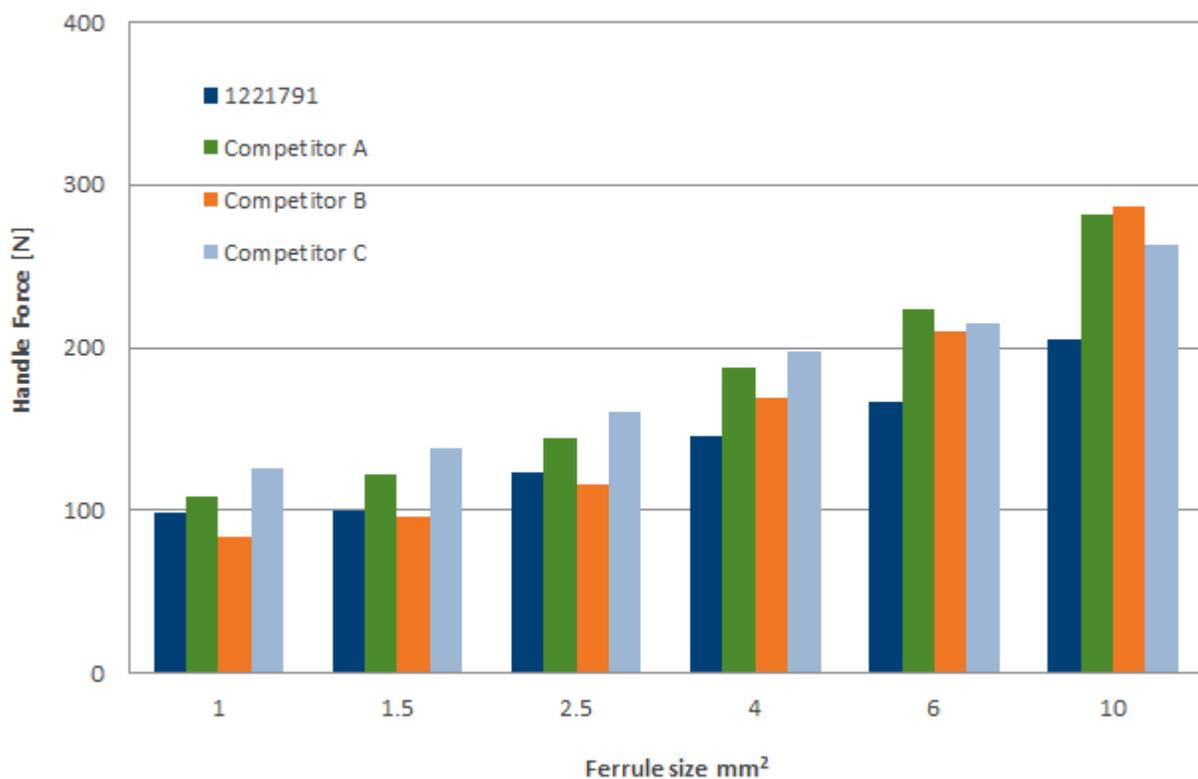


# Testing 1221791

The handle force on all tools are measured 114 mm from centre of the dies

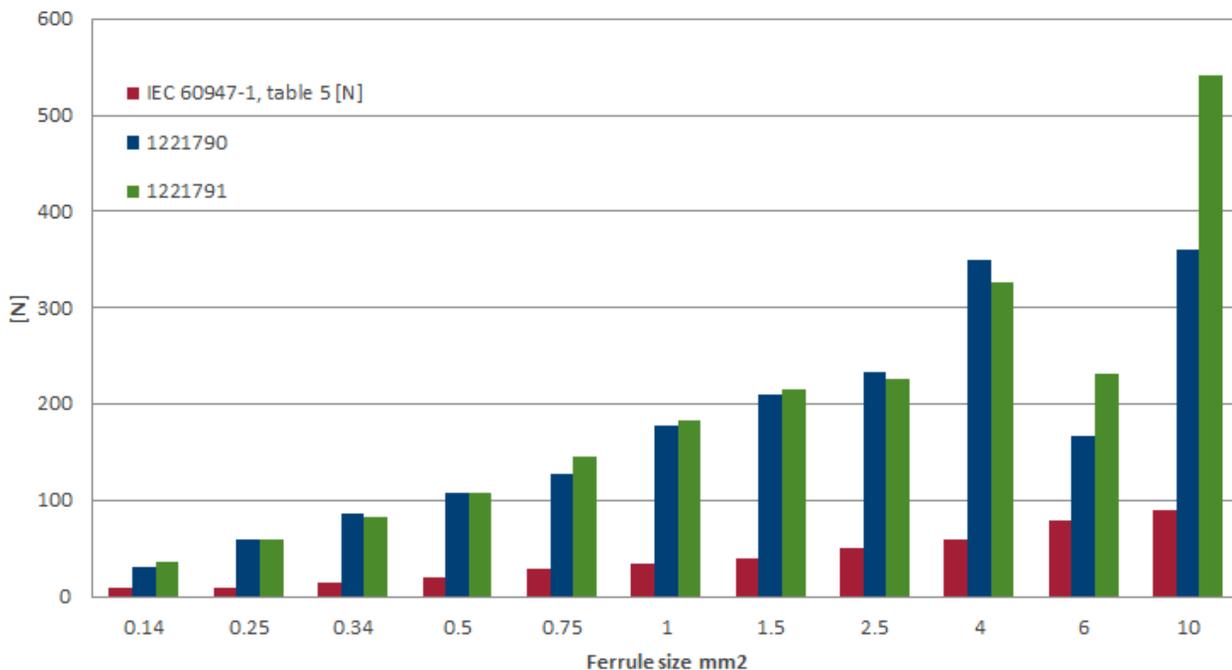
	<b>1221791</b>	<b>Competitor A</b>	<b>Competitor B</b>	<b>Competitor C</b>
Capacity	0.14–10 mm <sup>2</sup> AWG 26–8	0.08-10 mm <sup>2</sup> AWG 28-8	0.14-10 mm <sup>2</sup> AWG 26-8	0.08-16 mm <sup>2</sup> AWG 28-6
Weight	372 g 0.82 lbs	420 g 0.93 lbs	505 g 1.1 lbs	470 g 1.04 lbs
Lenght	176 mm 6.93 inch	175 mm 6.89 inch	195 mm 7.68 inch	213 mm 8.39 inch
Width	26 mm 1.02 inch	25 mm 0.98 inch	33 mm 1.29 inch	25 mm 0.98 inch
Height	62 mm 2.44 inch	75 mm 2.95 inch	80 mm 3.15 inch	67 mm 2.64 inch
Handle spread (closed)	43 mm 1.69 inch	53 mm 2.09 inch	57 mm 2.54 inch	44 mm 1.73 inch
Handle spread (open)	141 mm 5.55 inch	133 mm 5.24 inch	144 mm 5.67 inch	150 mm 5.91 inch
Handle opening angle	55°	61°	50°	52°

## Handle force 1221791 compared to competition



# Testing pull out force

Pull out force average

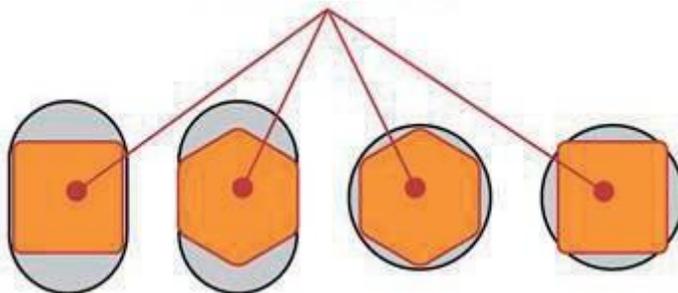


## Square and hexagonal shaped crimps

The difference/reason between the square and hexagonal 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.

These cross sections are all the same area

The square cross section fits into the rectangular hole

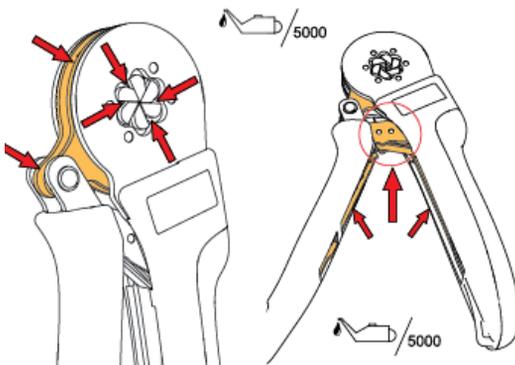
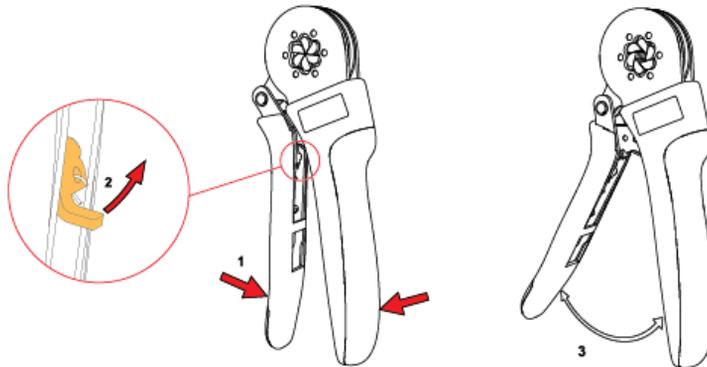
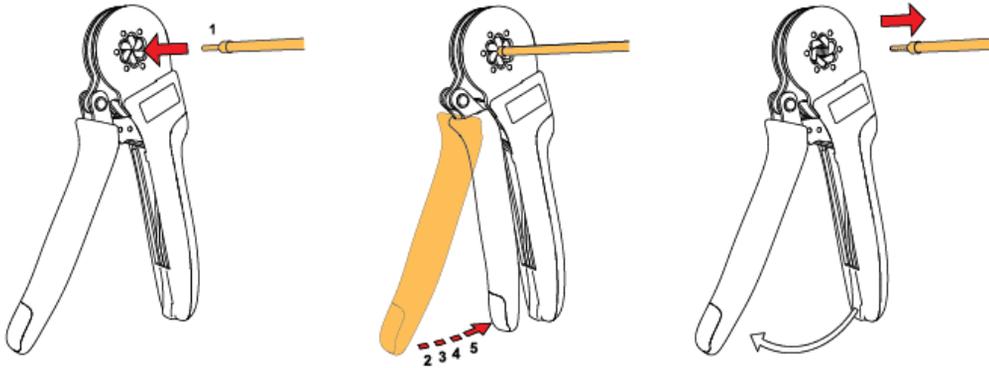
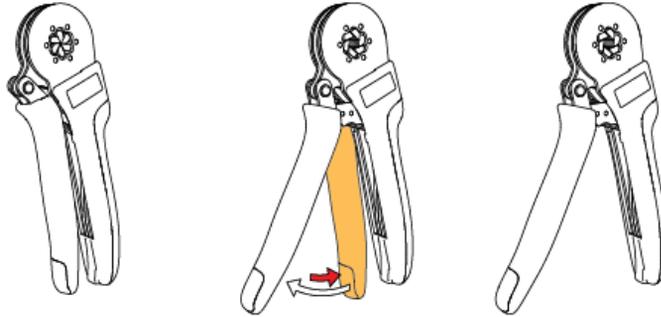


The hexagonal cross section fits into the round hole



# Operating instructions

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



CAUTION  
VORSICHT  
ATTENTION

ATTENZIONE  
ATENCIÓN  
VOORZICHTIG

OBSERVER  
ΠΡΟΣΟΧΗ  
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 protecção para evitar lesões nos olhos



## 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.
- 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
- 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.

