chanhvinh.com

FEATURES

- Versatile and easy to use for right hand or left hand users
- Non-slip main handle and low friction
- Provides two-hand grip in the final phase of crimping
- Full cycle crimp mechanism to ensure consistent, reliable crimp
- Ratchet release mechanism to clear mis-crimps and obstructions
- Precision eccentric
- Each tool has a unique serial number for traceability
- Durable: life span exceeds 50000 cycles

RS PRO Plier Crimping Tool for Terminal

RS Stock No.: 533-279



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

chanhvinh.com

Crimp Tools

Product Description

The 533-279 is an “Original line” hand crimp tool for insulated terminals in the range from 6.0 mm² to 0.75 mm²/AWG 22 to AWG10. The tool is designed to provide consistent and reliable crimp connections on end splices/ferrules wires.
Also known as Red, Blue and Yellow terminals. See stock numbers 534-238, 534-597, 534-468 typically. Symmetrical oval crimps are produced for the insulation and conductor barrel, either right or left handed.

General Specifications

Crimp Tool Type	Plier
Crimp Connector Type	Terminal
Crimp Profile	Symmetrical oval crimps
For Use With	Right hand or left hand users
Finish	Tool for Terminal
Applications	Maintenance & repair

Mechanical Specifications

Overall Length	225mm
Wire Size (mm²)	6.0mm² to 0.75mm²
Wire Size (AWG)	22AWG to 10AWG
Life span, cycles	50000
Crimp nest	2.20mm to 2.40mm

Approvals

Compliance/Certifications	BS4579, SEN 245010

Crimp Tools







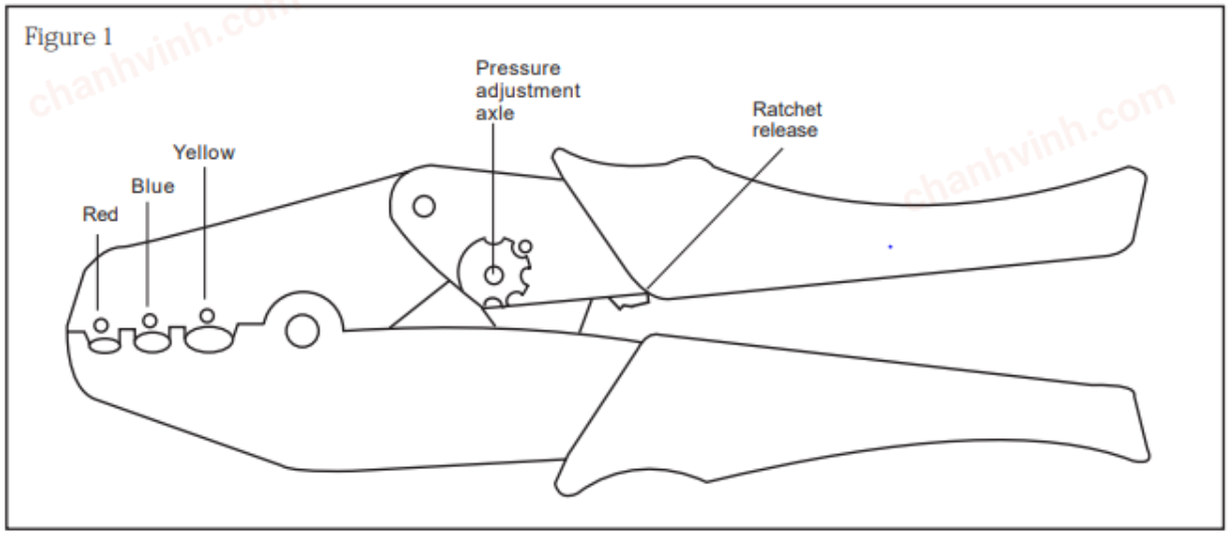






Crimp Tools

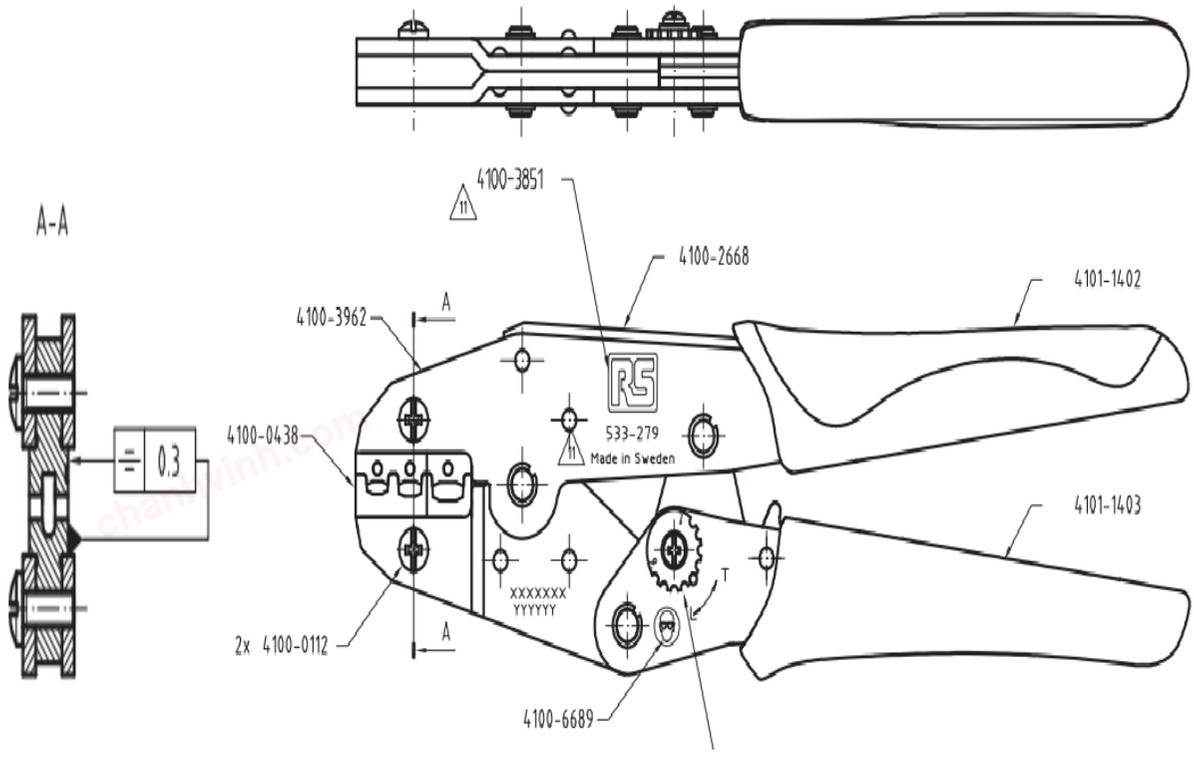
Figure 1



Cable size mm²	Min pull off force (Newtons)	Average initial pull off force (Newtons)
0.75	113	163
1.00	150	180
1.50	225	410
2.50	375	678
4.00	600	1006
6.00	900	1176

To ensure compliancy with BS4579 the actual breaking load of the cable must be obtained from the cable supplier.

Colour	Go	No-go
Red	2.20mm	2.40mm
Blue	2.65mm	2.85mm
Yellow	3.35mm	3.55mm



S