

Instruction

1. GENERAL INFORMATION

YJQ-W4Q-YC Pneumatic Crimp Tool is designed based on YJQ-W4Q, which is suitable for crimping of large outside diameter contacts.

CRIMPING RANGE

Selector No.	Intender Working Diameter mm	
	A (GO)	B (NO GO)
8	3.50	3.7

The initial selector position is No. 8 as shown in the above table, and the other selector positions are sequentially reduced. Please use the suitable selector position according to the actual crimping effect. The wire crimped by the crimping pliers is a standard wire; the contact is made of a locally annealed copper alloy material.

2. WORKING PRINCIPLES

1. The crimp tool adopts curve propulsion mechanism, its applied force transfers through four curves in the head cavity of the right plier handle to the four indenters. The four indenters do the centripetal linear motion, which makes its front-end teeth crimp the contact to complete the crimping process. The cycle controlled precision ratchet assures the consistency of impression and the crimping quality of wires and contacts.

2. Ratchet and rack match up the self-locking mechanism ensure the accordance of each crimping. Lack of air pressure or short of air supporting time will cause the tool not be able to crimp properly, the press mould can not return to the correct place because of the self-locking mechanism. By adjusting air pressure or increase the air supporting time, the press mould will arrive to the correct place, the problem can be solved.

3. This crimp tool has eight working selections. Firstly, take out the locking pin, lift up the select knob and rotate, make sure the pointer align with the desired selection, then put down the select knob, start crimping the contacts.

3. CAUTIONS

1. Do not crimp any hard steel material or not matched size contacts, please contact us if the tool get stuck by improperly use.

2. Working air pressure: 80-120 P.S.I. Max air pressure: 120P.S.I. (5.5-8.3BAR)

3. Crimp Instruction: Put the terminal and wire, press the foot value to supply air to the crimp tool frame, and release the foot value after the crimping is completed. After the indenters return to the original position, remove the crimped contact and the crimping is completed.

The following is a real sample of the tool:

