

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[JST Sales America Inc.](#)
[WC-GH2630](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

10/19/05 WED 08:02 FAX 847 473 3497

JST SERVICE ENG

JST

218-681-7962

WC-GH2630 HAND TOOL OPERATION MANUAL



WC-GH2630 HAND TOOL FOR CRIMPING SH CONTACT

The WC-GH2630 has been developed as an inexpensive option to crimp prototype and pre-production samples of the GH contact and the crimp forms replicate those found in the semi-automatic crimping dies. The tool is relatively easy to use but due to the small size of the contact and associated wire, care must be taken to ensure that the wire is correctly placed into the contact prior to crimping. Pre-loaded reels of SH contacts are available on reels containing 1,000 pieces; please contact JST for further information.

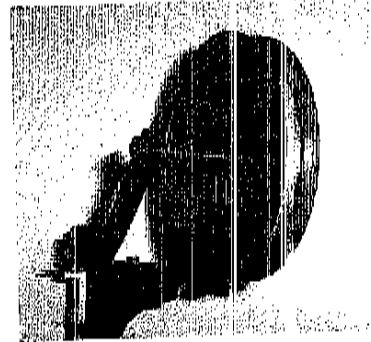
Technical Specification

Hand tool part number: WC-GH2630
 Applicable contact part numbers: SSHL-002T-P0.2, SSHL-002GA-P0.2
 Wire size: 26, 28 & 30 awg
 Insulation outside diameter: 0.8 ~ 1.0 mm
 Strip length: 1.5 mm

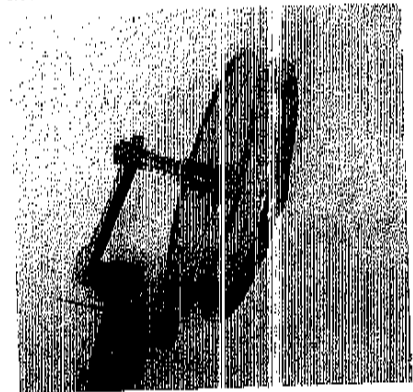
Wire Cross Section	Crimp Height	Crimp Width	Min Tensile (N)
AWG 30	0.44 ~ 0.48 mm	0.74 ± 0.05	5 N
AWG 28	0.48 ~ 0.52 mm	0.74 ± 0.05	10 N
AWG 26	0.52 ~ 0.56 mm	0.74 ± 0.05	20 N

Operation procedure

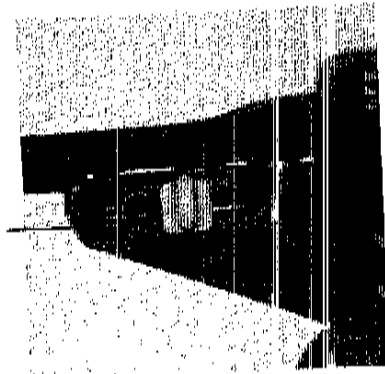
1/ Remove the tool from its protective case and mount the reel of contacts on the reel holder. (Reels containing 1,000 contacts are available from your JST Sales Office).



2/ Ensure that the reel is central on the spindle and the contacts have unhindered access into the guide track. The axial position can be adjusted by loosening the nut on the spindle and turning the shaft in or out until the desired position is achieved.



3/ Take the end of the contact strip and feed it into the guide track. Ensure that the position of the contact is correct and that minimum force is used to locate the contact, or damage will occur to the contacts. If it is difficult to insert the contact strip, remove from the tool and try again.

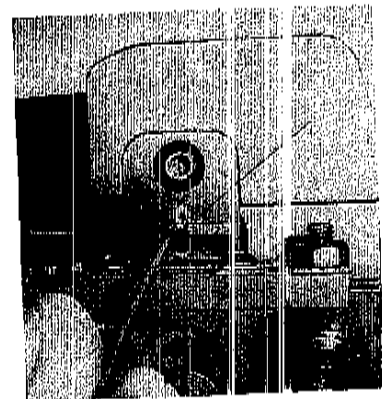


When the contact strip is approximately 50mm into the feed track, the yellow feed lever should be pushed in a right-hand direction until the feed finger engages with the feed holes in the contact strip. It may take a few attempts to engage the contact strip on the feed finger. The lever can then be pushed repeatedly until the first contact is positioned over the crimping anvils.

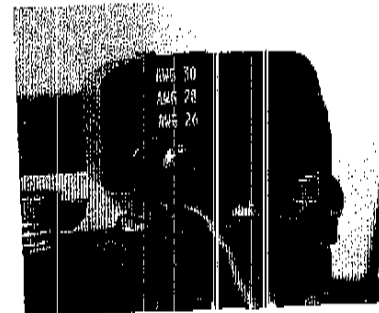
4/ The crimp height of the contact is controlled by the insertion of the appropriate shim into the rear face of the hand tool. The shims are marked for the applicable wire size and are stored on the side of the hand tool. Remove the applicable shim from the side of the hand tool by unscrewing the knurled retaining screw and insert into the rear of the tool by pushing firmly in a forward direction until the shim is firmly located.



5/ Strip the insulation from the end of the wire to be crimped (strip length = 1.5mm). Insert the stripped wire into the upper die of the hand tool and locate the end of the stripped insulation against the wire locator between the two crimping punches. Due to the extremely small size of the wire, it may take several attempts to locate the insulation in the correct position. Once the correct position is established, it will become easier to repeat the correct insertion position on subsequent occasions.

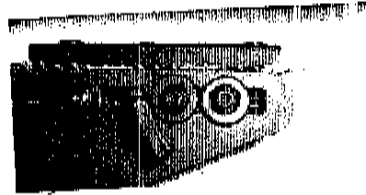


6/ Gently squeeze the handles together whilst ensuring that the wire remains in the correct position relative to the punches. Continue to squeeze the handles together until the handles are fully closed and the ratchet releases the handles to enable them to fully open. Remove the crimped wire from the tool and with the aid of a magnifying lens, inspect the resultant crimp.



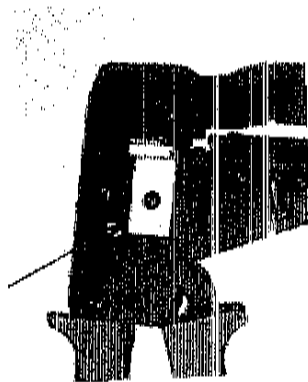
7/ Advance the next contact over the crimping anvils by pushing the yellow feed lever in a right hand direction towards the side of the tool.

If it is desired to remove the strip of contacts from the tool at any time, it is possible to do so by pushing the red lever on the back face of the hand tool in an upward, counter-clockwise direction. This action disengages the feed finger from the contact strip and allows the withdrawal of the strip from the tool in a reversal of the insertion procedure.



8/ If it is necessary to stop the crimping process at any time during the cycle, the handles can be released and the jaws opened by turning the knurled shaft in a counter-clockwise direction with the aid of a small flat head screwdriver.

Rotate counter-clockwise



Maintenance & storage

To ensure the long life of the hand tool, please ensure that any debris is removed from the tool after use and that a thin film of oil is applied to all metal parts to prevent corrosion during storage. Please keep the tool in the storage case to protect it from damage.

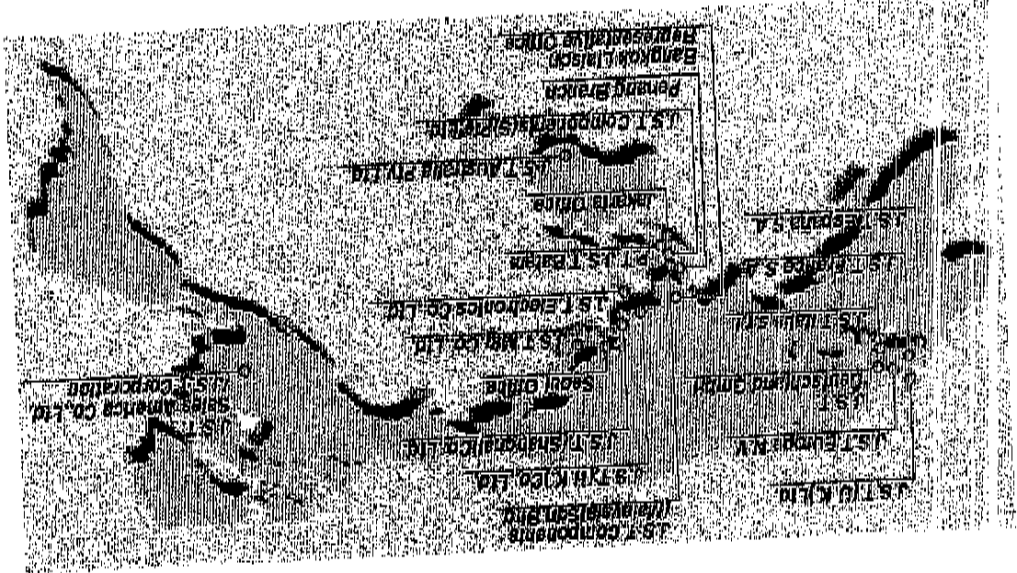
G:\16 - Product\HAND\TOOL\WC\GH2630 operation manual.doc

In time with a policy of continual development JST reserves the right to change the specifications of the goods described in this manual at any time and without prior notice.

For full up to date address details go to: www.jst-mfg.com/00com/31com.html

U.S.A.	Tel: 1 847 473 1957 Tel: 1 800 947 1110 (toll free) Fax: 1 847 473 0144 [G4]
Korea	Tel: 81 0 2 2527 3334/3335 Fax: 81 0 2 2527 3336
Hong Kong	Tel: 86 2 2413 7979 Fax: 86 2 2411 1193
Malaysia	Tel: 60 10 13 758 4620 Tel: 60 10 14 226 7258 Fax: 60 10 13 758 3602
Malaysia	Tel: 60 10 14 226 7259 Fax: 60 10 14 226 7258
Singapore	Tel: 65 1 743 0405 Fax: 65 1 746 1787 [G4]
Italy	Tel: 39 02 9390 0418 Fax: 39 02 9390 0421
France	Tel: 33 1 3 2672 4503 Fax: 33 1 3 2672 1088
U.K.	Tel: 44 10 1986 87 4131 Fax: 44 10 1986 87 4276
Belgium	Tel: 32 10 1660 0525 Fax: 32 10 1660 0877
Germany	Tel: 49 10 17181 4007 0 Fax: 49 10 17181 4007 21
Spain	Tel: 34 1 93 1564 2120 Fax: 34 1 93 1564 8266
Thailand	Tel: 66 2 1693 2905 Fax: 66 2 1693 2908
Indonesia	Tel: 62 10 17 7061 1684 Tel: 62 10 17 7061 1685 Fax: 62 10 17 7061 1684 Tel: 62 10 17 7061 1685
Indonesia	Tel: 62 10 17 7061 1684 Tel: 62 10 17 7061 1685 Fax: 62 10 17 7061 1684 Tel: 62 10 17 7061 1685
Indonesia	Tel: 62 10 17 7061 1684 Tel: 62 10 17 7061 1685 Fax: 62 10 17 7061 1684 Tel: 62 10 17 7061 1685
China	Tel: 86 1 21 5866 3418 Fax: 86 1 21 5866 3421
Taiwan	Tel: 886 10 2 2531 8500 Fax: 886 10 2 2531 8485
Australia	Tel: 61 0 13 9877 6444 Tel: 61 0 13 9877 6395 Fax: 61 0 13 9877 6395

HEAD OFFICE: J.S.T. MFG. CO., LTD. 2-6-8, Shingho-nishi, Joto-ku, Osaka, 536-0014 JAPAN.
 Phone: (06) 6968-6555 / Int'l 81-6-6968-6555 Fax<G4>: (06) 6964-2085 / Int'l 81-6-6964-2085



Offices World-Wide