

Owner's Manual

4/8 Indent Crimping Tool 97 52 64



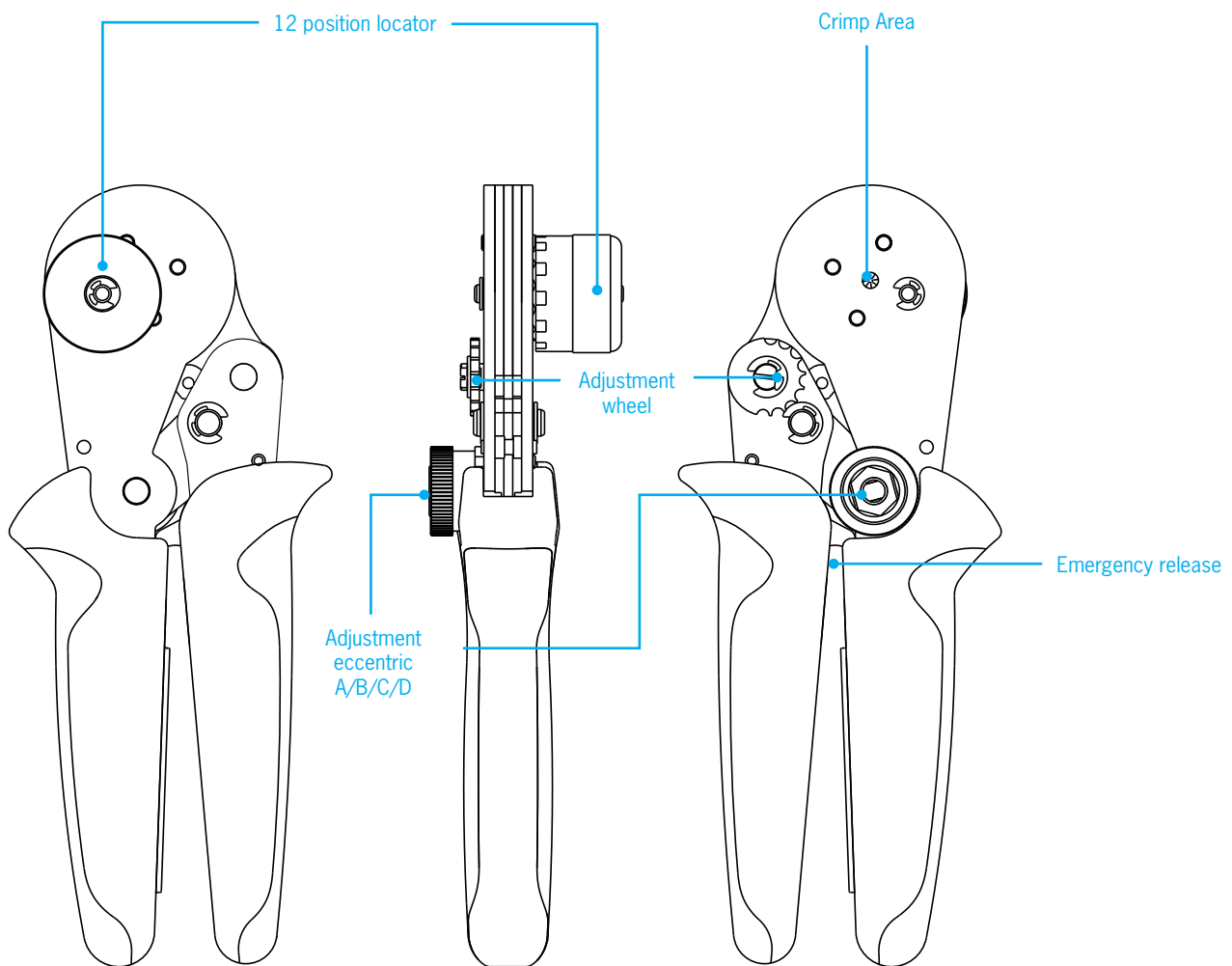


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1. General Information

The 4-indent crimp tool 97 52 64 has been developed for optimal crimping of turned pin and bush contacts and wire ranges 0.8 to 2.5 mm². The tool has only to be used for the application described below, thus the manufacturer not being liable for damages caused by improper use or unauthorized technical modifications of the tool.



2. Operating Instructions

- the reference sheet attached to each tool designates which contacts the positioner accommodates for its wire size and indicates locator position
 - position is dialed by merely raising locator knob and rotating it to the proper position (1-12)
 - crimp depth setting to be selected by raising and rotating the eccentric to the requested position (A/B/C/D)
 - insert the contact to be crimped through the entry hole against the back stop of the accommodation
 - close the handles to the first lock-in position of the tool
 - place the adequately stripped cable into the contact as far as possible
 - press the handles completely together until the tool automatically releases
 - remove the crimped contact
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3. Inspection of crimp depth accuracy

Adjustment of crimp tool is done in the factory. The crimp depth - crimp pressure ratio is stipulated in dependence on the contact. After longer usage of the tool, indenter closure should be checked by the quality personnel as described below:

- dial position "D" on the eccentric
- insert gauge $\varnothing 1 \pm 0,02$ mm through the entry hole
- close handles completely
- the accurate crimp depth is guaranteed if there is just enough space to shift the gauge between the indenters



ATTENTION!

Never crimp when the gauge is inserted

4. Calibration of crimp tool

If the periodic gauging shows an inaccurate result, proceed as follows::

- dial position "D" on the eccentric
 - remove e-clip of the adjustment wheel by means of a small screw driver
 - raise the adjustment wheel beyond the set screw
 - insert gauge $\varnothing 1 \pm 0,02$ mm through the entry hole
 - close handles completely
 - turn the adjustment wheel to that position, that there is just enough space to shift the gauge
 - to lock it into place, press the wheel slightly down
 - fix the e-clip again
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5. Service and Maintenance

Keep the tool clean and properly stored when not in service. The joints need to be oiled regularly and the circlips securing the bolts have to be always in place.



ATTENTION!

For repair please send the tool back to the factory.

Adjustment table for Coninvers contacts

Reference (Art.-No.)	Contact diameter (mm)		Cross section mm ²	Total length mm	Adjustment point	
	Pin	Bush			Locator	Adj.eccentric
RC-1KP2000	1		0,5 - 0,75	14,8	1	B
RC-1KS2000	1		0,5 - 0,75	14,8	2	B
RC-11P2000	1		0,08 - 0,22	14,8	1	B
RC-11S2000		1	0,08 - 0,22	14,8	2	B
RC-12P2000	1		0,14 - 0,56	14,8	1	B
RC-58P2000	1		0,5 - 1,0	14,8	1	B
RC-12S2000		1	0,14 - 0,56	14,8	2	B
RC-58S2000		1	0,5 - 1,0	14,35	2	B
RC-43P2000	1		0,14 - 0,38	21,4	3	A
RC-46P2000	1		0,38 - 0,5	21,4	3	A
RC-4DP2000	1		0,5 - 0,75	21,4	3	B
RC-47P2000	1		0,75 - 1,0	21,4	3	B
RC-59P2000	2		0,5 - 1,0	14,8	4	B
RC-5CP2000	2		1,0 - 1,5	14,8	4	B
RC-5AP2000	2		1,5 - 2,5	14,8	4	C
RC-5QP2000	2		0,5 - 1,0	16,3	9	B
RC-5NP2000	2		1,0 - 1,5	16,3	9	B
RC-5PP2000	2		1,5 - 2,5	16,3	9	C
RC-59S2000		2	0,5 - 1,0	14,2	5	B
RC-5CS2000		2	1,0 - 1,5	14,2	5	B
RC-5AS2000		2	1,5 - 2,5	14,2	5	C
RC-6RP2000	1		0,08 - 0,22	24,3	6	A
RC-6LP2000	1		0,38 - 0,5	24,3	6	A
RC-6KP2000	1		0,5 - 0,75	24,3	6	B
RC-67P2000	1		0,75 - 1,0	24,3	6	B
RC-6RS2000		1	0,08 - 0,22	16,5	7	A
RC-6LS2000		1	0,38 - 0,5	16,5	7	A
RC-6KS2000		1	0,5 - 0,75	16,5	7	B
RC-67S2000		1	0,75 - 1,0	16,5	7	B
RC-6MP2000	1		0,75 - 1,0	24,3	9	B
RC-6MS2000		1	0,75 - 1,0	16,5	7	B
RC-6EP2000	1,5		0,75 - 1,0	24,3	8	B
RC-6FP2000	1,5		0,75 - 1,0	24,3	9	B
RC-6ES2000		1,5	0,75 - 1,0	16,5	9	B
RC-6FS2000		1,5	0,75 - 1,0	16,5	9	B
SC-79P2000	2		0,5 - 1,0	26,9	10	B
SC-7CP2000	2		1,0 - 1,5	26,9	10	B
SC-7AP2000	2		2,0 - 3,0	26,9	10	C
SC-7VP2000		2	2,0 - 3,0	26,9	10	C
SI-7US2000		2	0,5 - 0,75	16,5	11	B
SI-7WS2000		2	0,75 - 1,0	16,5	11	B
SI-7XS2000		2	0 1,0 - 1,5	16,5	11	B
SI-7UP2000	2		0,5 - 0,75	29	12	B
SI-7WP2000	2		0,75 - 1,0	29	12	B
SI-7XP2000	2		0 1,0 - 1,5	29	12	B