

Datamate Tooling

- ❖ Instruction sheets can be accessed at www.harwin.com/instructions.
- ❖ A Datamate Crimping Instruction video is available at www.harwin.com/harwintv.

HAND CRIMP TOOL

- ❖ Standard circular crimp tool BS5210-3A-300 and MIL specification M22520/2-01.
- ❖ Precision tool with ratchet mechanism and 8-indent form.
- ❖ Must be used with applicable positioner shown below.
- ❖ Instruction sheet available.



ORDER CODE

Signal contacts, L-Tek, J-Tek & Mix-Tek	M22520/2-01
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HAND CRIMP TOOL

- ❖ Standard circular crimp tools.
- ❖ Precision tool with ratchet mechanism and 8-indent form.
- ❖ Must be used with applicable positioner shown below.
- ❖ Instruction sheets available.



ORDER CODE

Inner contact of Mix-Tek coax contacts	Z80-292
Power crimp contacts	Z80-294

HAND CRIMP TOOL

- ❖ Standard coax crimp tool for crimping the outer sleeve of Mix-Tek coax contacts.
- ❖ Instruction sheet available.



ORDER CODE

Outer sleeve of Mix-Tek coax contacts	Z80-293
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POSITIONER

- ❖ Used with applicable hand crimp tool.




ORDER CODE

Female Signal Barrel Crimp, Male L-Tek Crimp	T5747
Male J-Tek, Mix-Tek Signal Crimp	Z80-193
Inner contact of Mix-Tek coax contacts	Z80-291
Female T-Contact	Z80-444
Power crimp contacts	Z80-295

All dimensions in mm.

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INSERTION/REMOVAL TOOL	REMOVAL TOOL																
<ul style="list-style-type: none"> ❖ For inserting crimped contacts into the rear of housings. ❖ Suitable for all Datamate signal Barrel crimp contacts.  <table border="1"> <thead> <tr> <th colspan="2">ORDER CODE</th></tr> </thead> <tbody> <tr> <td>Barrel Signal crimps for L-Tek, J-Tek & Mix-Tek</td><td>Z80-280</td></tr> </tbody> </table>	ORDER CODE		Barrel Signal crimps for L-Tek, J-Tek & Mix-Tek	Z80-280	<ul style="list-style-type: none"> ❖ To aid removal of special cable contacts from Mix-Tek connectors.  <table border="1"> <thead> <tr> <th colspan="2">ORDER CODE</th></tr> </thead> <tbody> <tr> <td>Mix-Tek special cable connectors</td><td>Z80-290</td></tr> </tbody> </table>	ORDER CODE		Mix-Tek special cable connectors	Z80-290								
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Mix-Tek special cable connectors	Z80-290																
SEPARATOR TOOL	DRIVERS																
<ul style="list-style-type: none"> ❖ Recommended for unplugging L-Tek latched connectors (tool releases the latches prior to disengagement). ❖ Can also be used with unlatched connectors. ❖ Suitable for all sizes.  <table border="1"> <thead> <tr> <th colspan="2">ORDER CODE</th></tr> </thead> <tbody> <tr> <td>L-Tek</td><td>Z80-299</td></tr> </tbody> </table>	ORDER CODE		L-Tek	Z80-299	<ul style="list-style-type: none"> ❖ Mating jackscrews to be tightened to a torque of 23cmN max. ❖ Board mount nuts and bolts to be tightened to a torque of 21 ±2cmN.  <table border="1"> <thead> <tr> <th colspan="2">ORDER CODE</th></tr> </thead> <tbody> <tr> <td>Slotted Nut Screwdriver (board mount nuts)</td><td>Z80-298</td></tr> <tr> <td>1.5mm A/F Hex Drive Bit (board mount bolts)</td><td>Z9950-00</td></tr> <tr> <td>2mm A/F Hex Drive Bit (floating jackscrews)</td><td>Z9951-00</td></tr> <tr> <td>1.5mm A/F Ball Hex Driver (board mount bolts)</td><td>Z9952-00</td></tr> <tr> <td>2mm A/F Ball Hex Driver (floating jackscrews)</td><td>Z9953-00</td></tr> </tbody> </table>	ORDER CODE		Slotted Nut Screwdriver (board mount nuts)	Z80-298	1.5mm A/F Hex Drive Bit (board mount bolts)	Z9950-00	2mm A/F Hex Drive Bit (floating jackscrews)	Z9951-00	1.5mm A/F Ball Hex Driver (board mount bolts)	Z9952-00	2mm A/F Ball Hex Driver (floating jackscrews)	Z9953-00
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