

BUTT SPLICE CRIMP KIT



Miniseal compatible crimp splice kit, affordable and highly effective

This crimp tool kit is for butt splice tubular crimps. The dies are sized for the well known TE Miniseal crimps and the supplied WireTrain sourced crimps. The indent dies and ratchet cycle handles ensure a consistent electrical crimp with excellent wire retention.

So why not simply use the industry standard T.E. Miniseal splice crimp? They are excellent but it comes at a cost, with individual crimps exceeding £1.80 each and the tool is over £250. Whilst the Miniseal crimps are supplied with a heat shrink sealing sleeve, in most motorsport applications this is discarded and replaced with a length of CRN or RW-175 sleeving, which is thinner and more compact in your wiring bundle or connector boot.

WireTrain's challenge was to put together a tool and family of crimps that give similar performance but at a greatly reduced tooling and per crimp cost.



FEATURES

Commercial wire crimp splices and tools can struggle with the small wire gauges found in modern vehicles and motorsport, these commercial crimps are typically too large and do not pull down tightly for a reliable retention of smaller gauges like Type 55A #24 wire. We have performed tensile tests and the WireTrain crimps have excellent wire retention on #24 gauge wire and larger. For single conductors in smaller gauge wires like 55A #26 we advise a simple conductor foldback for optimum retention in the crimp.



WireTrain Crimps

- 100 each of the small, medium and large WireTrain crimps included, with details of independent sourcing of crimps for the future.
- Tin coated for eliminating oxidation issues and maintaining surface conductivity.
- Solid copper core offers good ductility in the crimp process and excellent conductivity in use.
- An internal end chamfer aids easy install of the conductor and reduces splayed strands.
- The integral wire stop ensures a consistent depth stop for wire insertion.

WireTrain Butt Splice Kit

The kit provides a high quality alternative to Aviation certified crimp tooling and crimp splices. Affordable and highly effective splicing. If you need to stock your race team with the right tools for wiring and loom building this is a great kit, supplied in handy carry case and storage pots for your splices.

INDENT TOOL POSITIONERS

Crimp Splice	Recommended Usage Range	Maximum AWG	Maximum CSA mm ²	Length	OD	ID
TE MiniSeal Red	20-26 AWG	17	1.04	12.5	1.95	1.18
WireTrain Small	22-26 AWG	17	1.04	12	2.10	1.25
TE MiniSeal Blue	16-20 AWG	14	1.63	24-30	3 Amps	Green/ White
WireTrain Medium	18 - 22 AWG	16	1.29	24-30	3 Amps	Orange/ White
TE MiniSeal Yellow	12-18 AWG	11	4.17	14.5	3.80	2.48
WireTrain Large	12-18 AWG	11	4.17	16	3.90	2.30