

The logo consists of a solid blue square with the word "DIETOOL" in white, uppercase, sans-serif font centered within it.

DIETOOL

Solutions for InterConnect

A close-up photograph of two brass-colored metal strips with self-piercing splices. The strips are arranged diagonally on a dark blue, textured background. Each strip has a series of rectangular, ribbed protrusions that serve as electrical connectors. The strips are shown in a way that demonstrates how they interlock and pierce through each other.

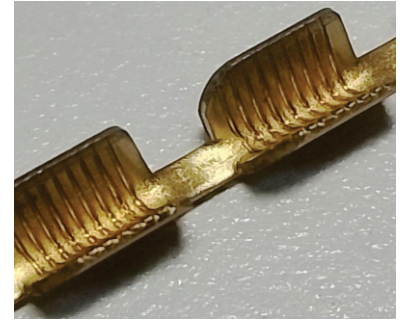
Self Piercing Splice

Harness the Power
of Connection

DIETOOL
InterConnect

www.dietoolind.com

DTI - Self Piercing Splice has special designed Sharp Grooves inside its crimp areas, to enable insulation coated windings / enamel coated wire, etc., to be electrically connected without stripping the insulation coating.

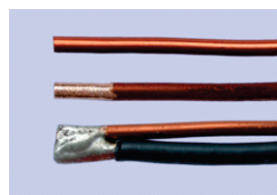


DTI - Self Piercing Splice offers cost-effective alternative to IDC terminals, soldering and spot welding in magnet wire applications.

DTI - Self Piercing Splice offers distinct advantages over conventional soldering method as follows.

Conventional Soldering method of an unstripped magnet wire directly to wire or component.

- Stripping / burning insulation from the wire ends,
- Hard controlled process,
- Puts components at risk of melting or burning and makes them breakable,
- Difficult to solder near plastic parts.



DTI – Self Piercing Splice crimping of an unstripped magnet wire directly to wire or component.

- *NO pre-stripping of insulation*
- *Saving cycle time,*
- *Saving cost,*
- *Controlled process,*
- *NO heating in the process,*
- *Easily scaled for different production volumes,*



DTI - Self Piercing Splice Terminals

Available in following Finishes: # Nickel, # Tin, # Silver, # Matt Silver

Catalogue Number	Size - mm	No. of Piercing Grooves	Description	Base Material	Standard Reel Qty - Pcs	Reel form	Ref. photo refer datasheetfor details
DTI - B401	6	7	Self Piercing Specific Terminals	CuZn	2000	Side feed	
DTI - B402	5.2	7	Self Piercing Specific Terminals	CuZn	2000	Side feed	
DTI - B403	5.7	9	Self Piercing Specific Terminals	CuZn	2000	Side feed	
DTI - B404	5.7	9	Self Piercing Specific Terminals	CuZn	2000	Back feed	

Applications : It is suited for connection between the windings of motors, relays, and other rotating devices and the connections between the windings and leads of such devices.

