Tools

Tools

- Wide range of crimping tools to suit both Solid and Stamped & Formed contacts.
- Tight, complete crimp with minimal effort.
- HDT-48-00 crimps a wide range of contact sizes with no need to change out dies or locators.
- Ratcheting tools will not release contact until a full crimp is completed.

HDT-48-00

D2682

DET12

DTT-16-00

Double hinged for parallel crimping

HT-4220

D7000

D7000
6 Removable Dies

Die 1	Die 2
14, 12AWG	10, 12AWG
Die 3	**Die 4**
18, 16, 14AWG	20, 18, 16AWG
Die 5	**Die 6**
20, 18-16AWG	16, 14, 12AWG

Crimping Tools – Stamped & Formed (F-Crimp) Contacts   NEW

Part No.	Description	Crimp Range (AWG)
DTT-16-**00**	Ratcheting. 1 indent crimper "U" crimp	14 & 16
HT-4220	Double hinged. 1 indent crimper "U" crimp	22–24, 20–24, 18–20, 14–18, 14–16
D7000	Ratcheting crimp tool set with 6 removable dies. 1 indent crimper "U" crimp	

TE connectivity

DEUTSCH

DET48 **NEW**

HDT-04-08

| 1 Indent "U" Crimp | 2 Indent Crimp | 4 Indent Crimp |
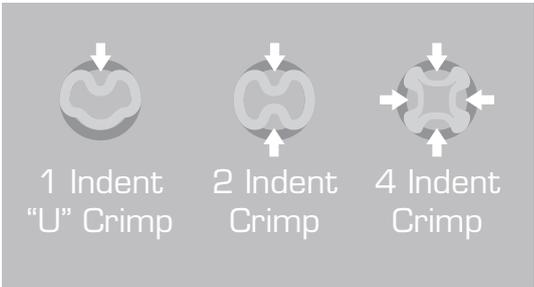
DET12, DET16, DET20

D2681

D2682

HDT-50-00

HDT-48-00

Crimping Tools – Solid Contacts

Part No.	Description	Crimp Range (AWG)
DET48 **NEW**	2 indent crimper	4 & 8
HDT-04-**08**	2 indent crimper	4 & 8
DET12	Ratcheting. 4 indent crimper	12
DET16	Ratcheting. 4 indent crimper	16
DET20	Ratcheting. 4 indent crimper	20
D2681	Ratcheting. 2 indent crimper	12, 16 & 20
D2682	Ratcheting. 2 indent crimper	12, 16 & 20
HDT-50-**00**	Ratcheting. 1 indent crimper "U" crimp	12, 16 & 20
HDT-48-**00**	Ratcheting. 4 indent crimper	12, 16, 20 & 22

Tools

Crimping with the DET12, DET16 & DET20

Step 1

1. Ensure tool is reset by completely depressing handles.

2. Strip insulation from wire.

3. Insert contact into the appropriate size tool barrel up.

Step 2

1. Depress handles until contact is held but not crimped.

Step 3

Place the stripped end of the wire in the crimp barrel, ensuring there are no stray wire strands, and fully depress tool handles.

Crimping with the HDT-48-00

Step 1

1. Strip insulation from wire.

2. Raise selector knob and rotate until arrow is aligned with contact size to be crimped.

3. Loosen locknut, turn adjusting screw in until it stops.

Step 2

Insert contact with barrel up.

Turn adjusting screw counter clockwise until contact is flush with indenter cover. Tighten locknut.

Step 3

1. Insert wire into contact, ensuring there are no stray wire strands.

Contact must be centred between indenters. Close handles until crimp cycle is completed.

2. Release handles and remove crimped contact.

Crimping with the HDT-50-00

Step 1

1. Ensure tool is reset by completely depressing handles.

2. Strip insulation from wire.

3. Position the contact into the matching sized grove, see markings 20, 18, 12.

Step 2

1. Make sure the shoulder of the contact is flush on the outside of the crimping tool.

2. Depress handles until contact is held but not crimped.

Step 3

Place the stripped end of the wire in the crimp barrel, ensuring there are no stray wire strands, and fully depress tool handles.

Also available on request

Ocean Series Applicators

- 3 feed options: Mechanical, Pneumatic, and Servo.
- Pre-feed and post-feed cams.
- Cut and no-cut carrier options.
- Adjustable terminal stripper.
- Adjustable spring-loaded terminal hold down.
- Mechanical counter.
- Fine adjust tool-less crimp height mechanisms.
- Robust, reliable construction.
- Same feed units can be used on Side-Feed and End-Feed style applicators. All units can be easily removed and interchanged for upgrades if desired.
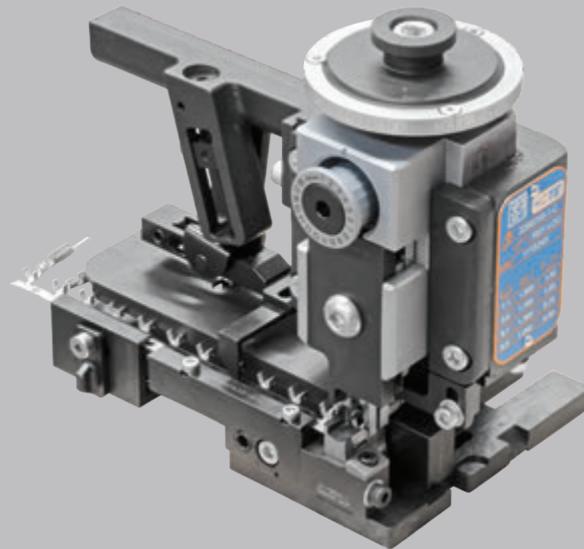
AMP 5K/40 Terminators

- 5000 lb (2268 kg) max. crimp for force.
- Tool-less removal of applicators and guards for quick and simple maintenance and product change over.
- Jog capability.
- Quiet and fast operation: 80/76 dBa and cycle time less than 0.400 seconds.
- Accepts Heavy Duty Mini style applicators.
- Wide range of optional equipment such as tool-less precision crimp height adjust, batch counter, CQM capability and work light.
- Universal electrical input: 100-240 VAC, 50/60 Hz.
- Cannot be operated during normal production with guards open.
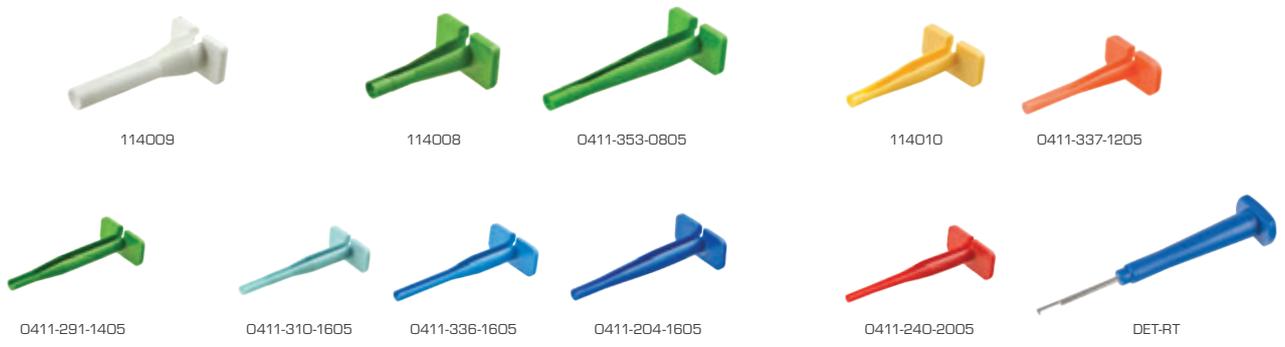- Produced under an ISO 9001 Certified Quality System.
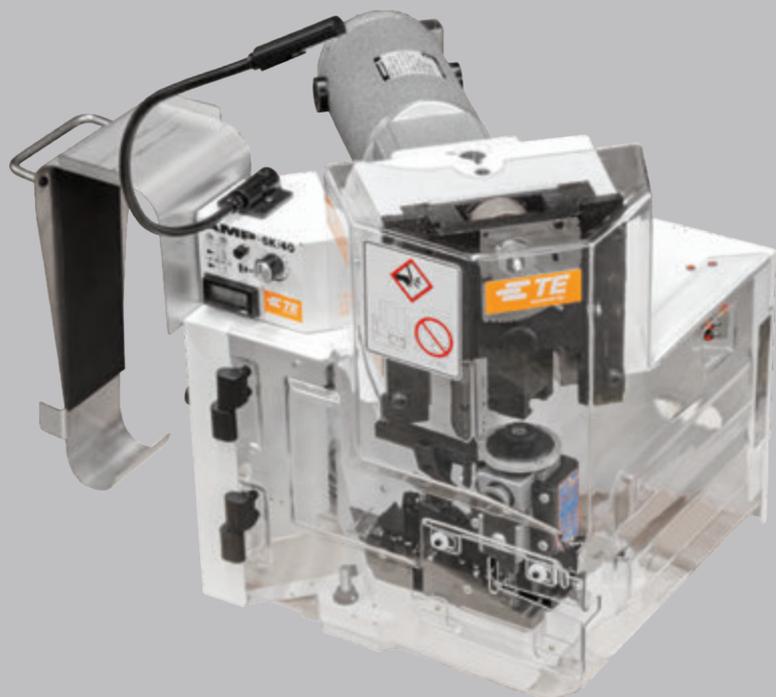
For further information ask your local reseller or enquire online at ionnic.com

Tools

114008

114009

DET-RT

0411-240-2005

0411-337-1205

0411-204-1605

- Removes contact from connector without damage to the wire, insulation, connector seals, or connector body.
- Removal tools are required for wire removal in the DTHD, HD10, HDP20, HD30 and DRC series.
- Simplifies contact removal and field service repair.
- Usable with all connectors that utilise a round shoulder contact retention system.
- Compact and easy to use.

Material :
DET-RT Shaft — Polymer / High Tensile Steel

| 114009 | 114008 | 0411-353-0805 | 114010 | 0411-337-1205 |

| 0411-291-1405 | 0411-310-1605 | 0411-336-1605 | 0411-204-1605 | 0411-240-2005 | DET-RT |

Removal Tools

Part No.	Contact Size	Wire Gauge Size (AWG)	Colour	Notes
114009	4	6	White	
114008	8	8, 10	Green	
0411-353-**0805**	8	8, 10	Green	Extended
114010	12	12	Yellow	
0411-337-**1205**	12	12, 14	Orange	Extra Thin Wall (E-Seal)
0411-291-**1405**	14	14, 16	Green	
0411-310-**1605**	16	16, 18	Light Blue	
0411-336-**1605**	16	16, 18	Dark Blue	Extra Thin Wall (E-Seal)
0411-204-**1605**	16	16, 18	Dark Blue	
0411-240-**2005**	20	20, 24	Red	
DET-RT	—	—	Dark Blue	Multi-use hook tool

TE connectivity

D E U T S C H

Removal Tool Set NEW

Part No.	Wire Gauge Size (AWG)
D2683	4, 8, 12, 14, 16, 20

## Removal Tool Instructions

Step 1
With the rear insert toward you, snap appropriate size removal tool over the wire of contact to be removed.
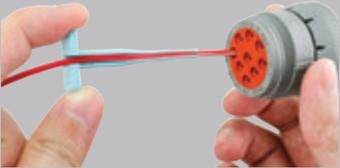
Step 2
Slide tool along the wire into the insert cavity until it engages the contact and resistance is felt.
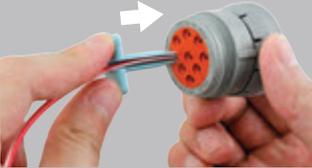
Step 3
Pull contact wire assembly and removal tool out of connector. Do not twist the removal tool when inside the connector.
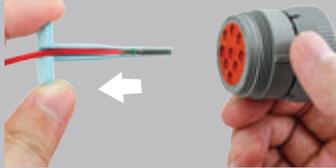
DET-RT Multi-use Tool

Removing Internal Wedgelocks

Step 1
Use the end of the tool to hook the wedgelock as shown.

Step 2
With wedgelock sufficiently hooked firmly pull wedgelock out of connector body.

Removing Individual Contacts

Step 1
Use flat edge of tool to lift tab holding contact.

Step 2
With contact tab held open gently pull contact out.