



Application Tooling > Hand Crimping Tools



Tool Grade: **Commercial Crimp Tooling**  
Ratchet Configuration: **Not Releasable, Not Adjustable**  
Die Sets Type: **Fixed In Tool**  
Specification Type: **TE Product Specification (108-)**  
TE Certification: **Yes – Certificate Included**

Features

Other

|                       |                                 |
|-----------------------|---------------------------------|
| Tool Grade            | Commercial Crimp Tooling        |
| Ratchet Configuration | Not Releasable, Not Adjustable  |
| Die Sets Type         | Fixed In Tool                   |
| Specification Type    | TE Product Specification (108-) |
| TE Certification      | Yes – Certificate Included      |
| Power Technology Type | Manual                          |
| Tooling Type          | Double Action Hand Tool         |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Out of Scope  |
| EU ELV Directive 2000/53/EC                   | Out of Scope  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Not reviewed for China RoHS compliance  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JUL 2021 (219)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content  |

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 322316  
TERMINAL,PI FLAG R 12-10 14



TE Part # 322313  
TERMINAL,PI FLAG R 16-14HD 14



TE Part # 322315  
TERMINAL,PI FLAG R 12-10 10

Customers Also Bought



TE Part #59239-4  
HHHT PIDG PG 12-10 ASSY



TE Part #68142-1  
DAHT PG 12-10 ASSY

Documents

Datasheets & Catalog Pages

Bottoming Dies

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Hand Crimping Tools 48040, 48045, 48049, and 68142-1 for PLASTI-GRIP Flag Terminals

English

Instruction Sheet (U.S.)



English