

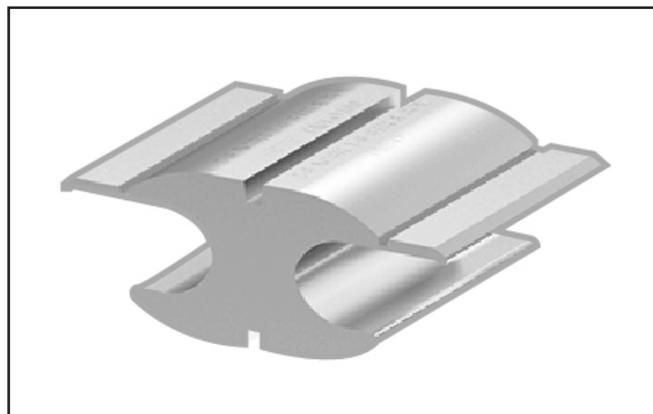


INSTRUCTIONS SHEET

EPP-3559-6/20

TAH

Aluminium Compression H-crimp Connector



TE Connectors & Fittings

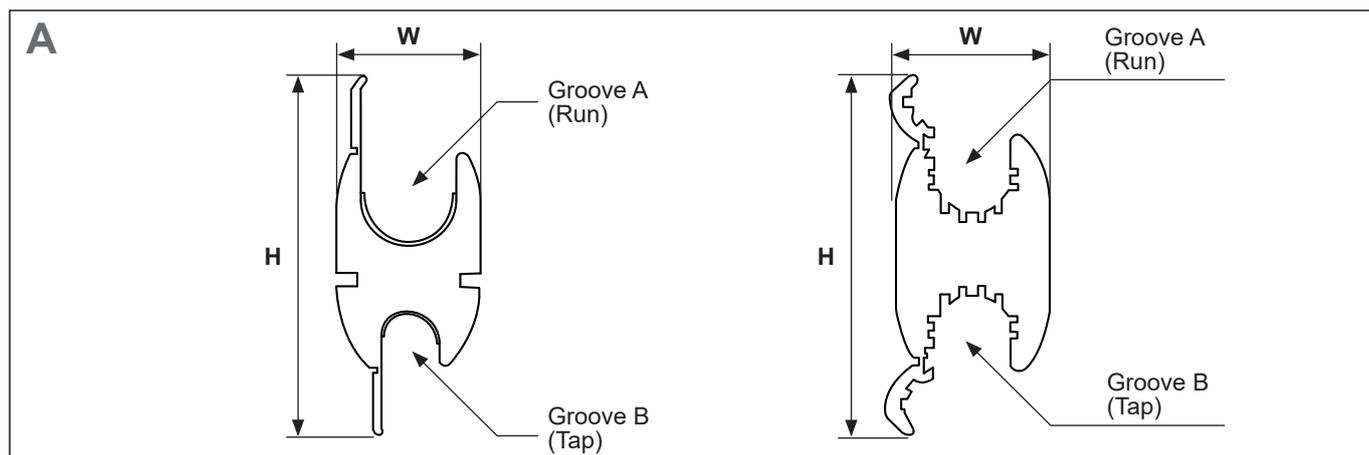


Table 1

TE Product Code/ Product Marking	Groove A (RUN)				Groove A (TAP)				Die Index	No. of Crimps
	Wire Dia. Range (inch)	SOL	STR	ACSR	Wire Dia. Range (inch)	SOL	STR	ACSR		
TAH-O100	0.16-0.33	#6-#1	#6 - #1	#6 (6/1) - #2 (7/1)	0.16 - 0.33	#6-#1	#6 - #1	6 (6/1) - 2 (7/1)	U-O	2
TAH-O-150	0.26-0.42	#1 - 2/0	#3 - 2/0	#3 (6/1) - 1/0 (6/1)	0.16 - 0.33	#6 - 1/0	#6 - 1/0	6 (6/1) - 2 (7/1)	U-O	2
TAH-D200	0.4-0.47	3/0 - 4/0	2/0 - 3/0	1/0 (6/1) - 2/0 (6/1)	0.16 - 0.33	#6 - 1/0	#6 - 1/0	6 (6/1) - 2 (7/1)	U-D3	2
TAH-D250	0.48-0.56	250 - 300	4/0	3/0 (6/1) - 4/0 (6/1)	0.16 - 0.33	#6 - 1/0	#6 - 1/0	6 (6/1) - 2 (7/1)	U-D3	2
TAH-D300	0.34-0.47	2/0 - 4/0	3 - 3/0	#1 (6/1) - 2/0 (6/1)	0.34-0.47	2/0 - 3/0	2/0 - 3/0	1/0 (6/1) - 2/0 (6/1)	U-D3	2
TAH-D350	0.46-0.56	250 - 300	3/0 - 4/0	3/0 (6/1) - 4/0 (6/1)	0.34-0.47	2/0 - 3/0	2/0 - 3/0	1 (6/1) - 2/0 (6/1)	U-D3	3
TAH-D400	0.46-0.56	250 - 300	3/0 - 4/0	3/0 (6/1) - 4/0 (6/1)	0.46-0.56	250 - 300	4/0	3/0 (6/1) - 4/0 (6/1)	U-D3	3
750 KCM	Gray	2.57			U39 ART	936	4		115	4

1. Introduction

Purpose of this sheet is to provide installation procedures for Aluminium compression H-crimp connectors. The H-crimp will accommodate Aluminium conductors only and are compatible with the conductor wire sizes shown in **Figure A** and **Table 1**.

i NOTE:

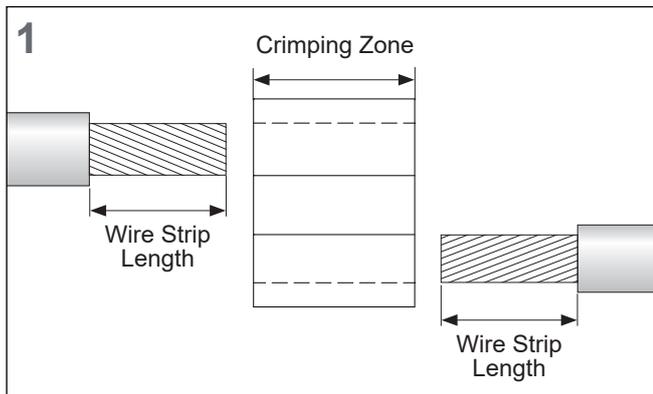
- When crimped with the approved die sets as listed in **Table 1**, the connectors comply with the requirement of ANSI C119.4.
- This Product line is tooling compatible with compact stranding, conventional concentric and compressed stranding of commercially available Aluminium stranded wires.
- Dimensions in these instructions are in inches. Figures are not drawn to scale.

2. Installation Procedure

Identify the conductor size. Choose the H-Crimp according to the application and the conductor size.

2.1 Cable Preparation

1. Strip the cable to the recommended length, avoid nicking or cutting the conductor. Ensure that the conductor end has a straight (right-angle) cut before installing. See **Figure 1**.
2. Wire brush the conductor ends.



2.2 H-Crimp Installation (See Figure 1)

1. Insert the conductor into the H-Crimp.
2. Choose a crimping die according to the conductor wire size. Die should match the description marked on the H-Crimp.
3. Install the die into the tool head.
4. Make Sure the conductor is properly align in H-Crimp before crimping.
5. Start crimping from one end to other end. Make sure the die closes completely before going to the next crimp.

i NOTE:

- All crimps are to be located within the crimping zone. See **Figure 1**.
- Do NOT overlap crimps. Rotate die 15 to 30 degrees when proceeding to the next crimp.

! CAUTION

- Damaged or worn H-Crimps must not be used. H-Crimps may be removed from the wire, discarded, and replaced with new ones. Always use newly cut cable with these H-Crimps. It is not a regular procedure to reuse portions of already crimped cable.

For more information: te.com/energy

Please dispose of all waste according to environmental regulations.



Tyco Electronics Raychem GmbH

a TE Connectivity Ltd. Company
Finsinger Feld 1
85521 Ottobrunn/Munich, Germany
Tel: + 49-89-6089-0
TE.com/energy

The Information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, TE Connectivity has no control over the field conditions which influence product installation.

It is the user's responsibility to determine the suitability of the installation method in the user's field conditions.

TE Connectivity's only obligations are those in TE Connectivity's standard Conditions of Sale for this product and in no case will TE Connectivity be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products.

Raychem, TE, TE Connectivity and TE connectivity (logo) are trademarks.

© 2020 TE Connectivity. All Rights Reserved.