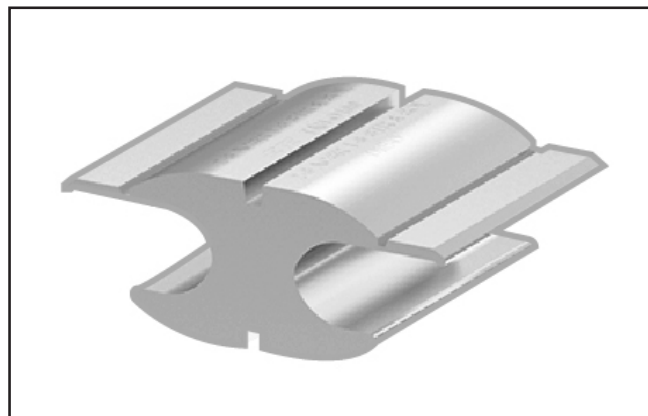


# INSTRUCTIONS SHEET

EPP-3559-6/20

TAH

## Aluminium Compression H-crimp Connector



### TE Connectors & Fittings

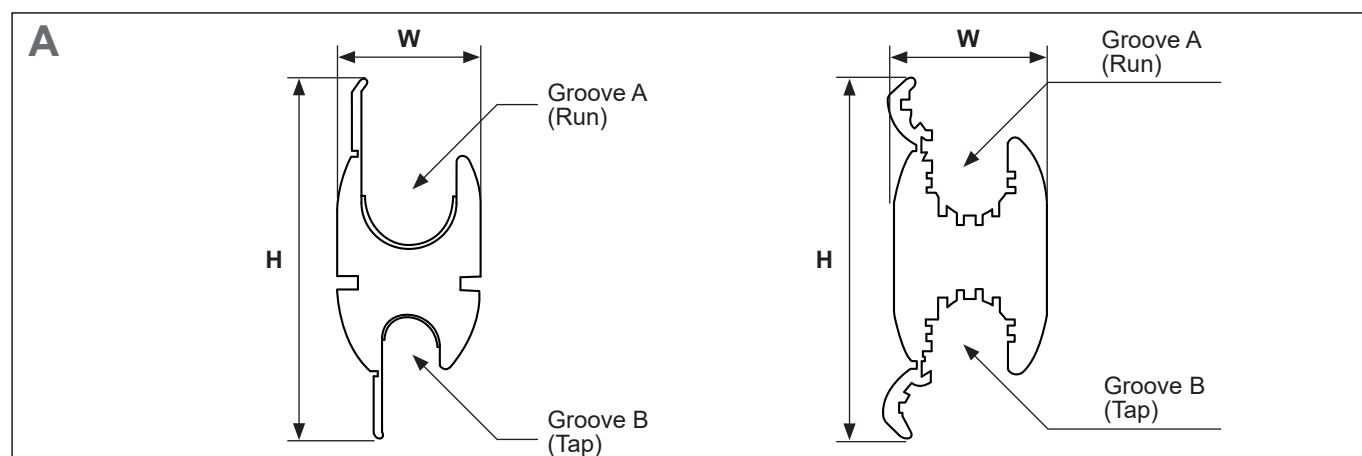


Table 1

TE Product Code/ Product Marking	Groove A (RUN)				Groove A (TAP)					
	Wire Dia. Range (inch)	SOL	STR	ACSR	Wire Dia. Range (inch)	SOL	STR	ACSR	Die Index	No. of Crimps
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:

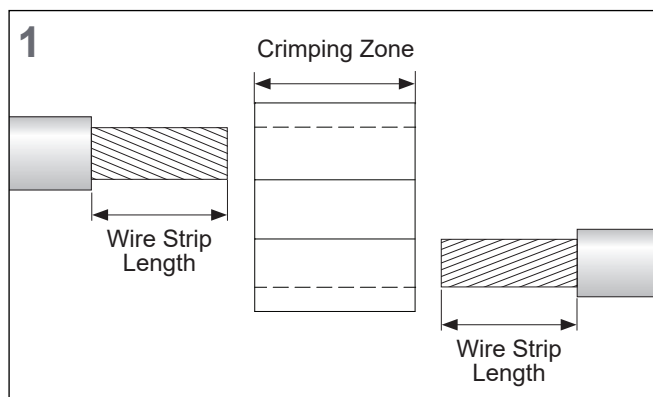
- When crimped with the approved die sets as listed in **Table 1**, the connectors comply with the requirement of ANSI C119.4.
- This Product line is tooling compatible with compact stranding, conventional concentric and compressed stranding of commercially available Aluminium stranded wires.
- Dimensions 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](https://te.com/energy)

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Please dispose of all waste according to environmental regulations.



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